

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011367.D
 Acq On : 31 Aug 2017 12:10
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 31 14:57:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 14:38:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	499138	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2192622	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	1306416	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	3019334	20.00	ng	0.00
75) Chrysene-d12	21.53	240	3420912	20.00	ng	0.00
86) Perylene-d12	23.92	264	3156085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	146895	4.88	ng	0.00
7) Phenol-d6	7.14	99	195043	3.66	ng	0.00
23) Nitrobenzene-d5	9.16	82	133085	1.82	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	63851	2.78	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	469851	5.03	ng	0.00
78) Terphenyl-d14	19.97	244	743512	5.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	31822	2.150	ng	# 100
8) 2-Chlorophenol	7.56	128	86376	2.713	ng	95
12) 1,3-Dichlorobenzene	7.89	146	99693	2.660	ng	95
13) 1,4-Dichlorobenzene	8.03	146	100901	2.623	ng	96
14) 1,2-Dichlorobenzene	8.35	146	98589	2.598	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.52	45	149540	3.037	ng	96
27) 2,4-Dimethylphenol	9.96	122	88303	2.571	ng	95
31) Naphthalene	10.86	128	302488	2.600	ng	100
33) 4-Chloroaniline	10.96	127	122048	2.444	ng	# 89
37) 2-Methylnaphthalene	12.46	142	207556	2.240	ng	98
45) 1,1'-Biphenyl	13.46	154	294211	2.915	ng	96
46) 2-Chloronaphthalene	13.50	162	213227	2.651	ng	95
48) Acenaphthylene	14.35	152	330193	2.674	ng	99
49) Dimethylphthalate	14.07	163	261989	2.267	ng	99
51) Acenaphthene	14.69	154	212544	2.708	ng	97
54) Dibenzofuran	15.02	168	310202	2.399	ng	98
57) Fluorene	15.67	166	274897	2.273	ng	96
59) Diethylphthalate	15.43	149	274023	2.248	ng	100
65) n-Nitrosodiphenylamine	15.87	169	234022	2.980	ng	99
66) 4-Bromophenyl-phenylether	16.56	248	76627	2.188	ng	# 84
67) Hexachlorobenzene	16.67	284	92264	2.335	ng	# 90
68) Atrazine	16.82	200	69960	2.093	ng	97
70) Phenanthrene	17.40	178	436110	2.596	ng	99
71) Anthracene	17.50	178	427289	2.599	ng	98
72) Carbazole	17.76	167	410645	2.595	ng	99
73) Di-n-butylphthalate	18.33	149	465404	2.726	ng	99
77) Pyrene	19.77	202	533601	3.299	ng	100
79) Butylbenzylphthalate	20.66	149	190861	3.345	ng	92
80) Benzo(a)anthracene	21.52	228	494832	2.455	ng	100
82) Chrysene	21.57	228	476011	2.455	ng	98
83) Bis(2-ethylhexyl)phthalate	21.44	149	322071	3.627	ng	99
84) Di-n-octyl phthalate	22.36	149	552313	3.417	ng	# 95
87) Benzo(b)fluoranthene	23.19	252	472740	2.522	ng	100
88) Benzo(k)fluoranthene	23.24	252	453504	2.612	ng	# 97

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QLast Update : Thu Aug 31 14:38:02 2017
Response via : Initial Calibration

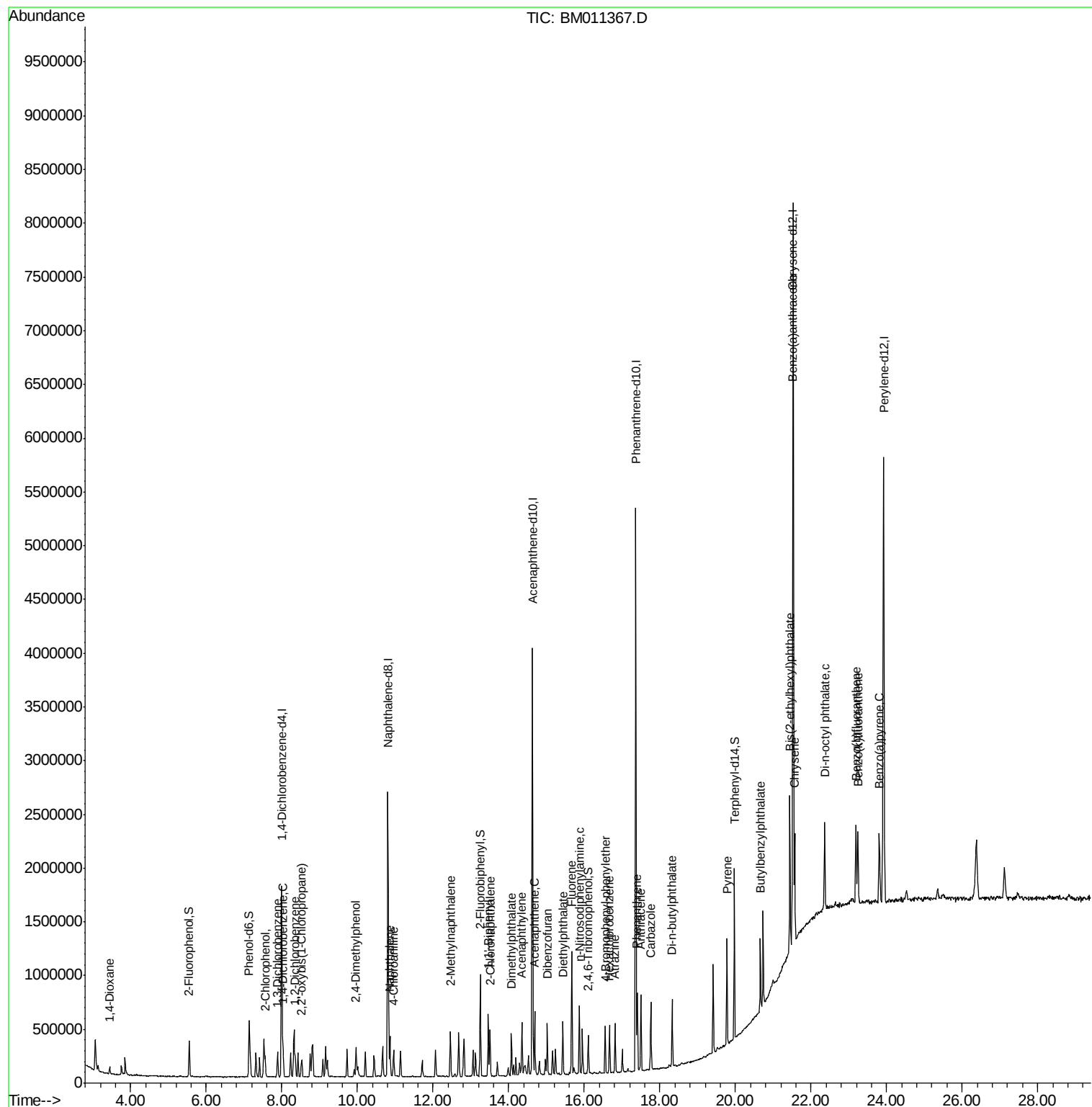
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.81	252	419608	2.307	ng	# 97

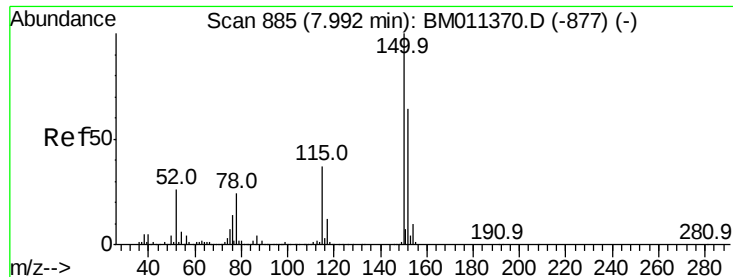
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011367.D
Acq On : 31 Aug 2017 12:10
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Sample : SSTDIC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 31 14:57:35 2017
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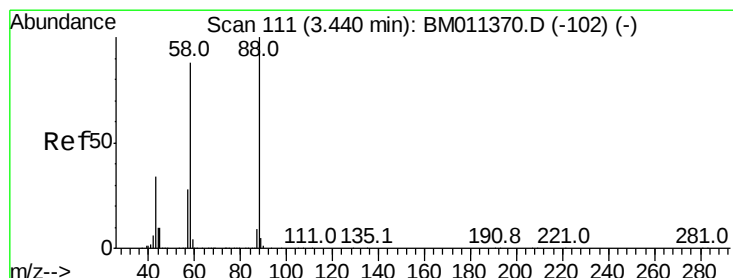
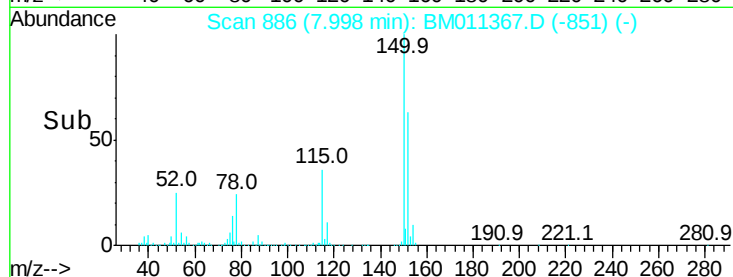
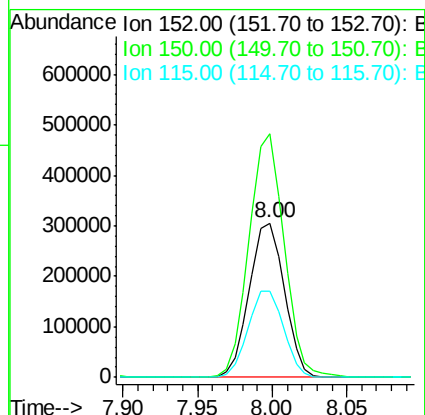
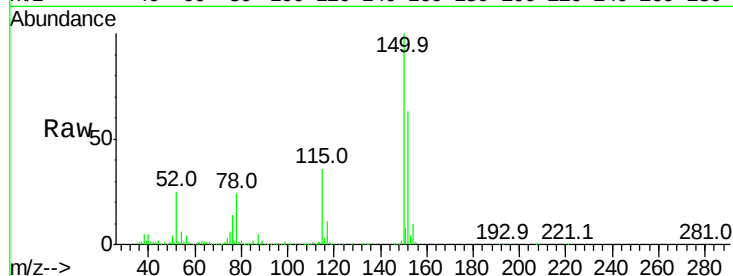


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 886
Delta R.T. 0.01 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

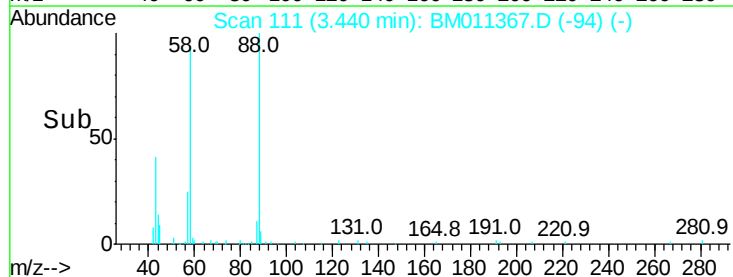
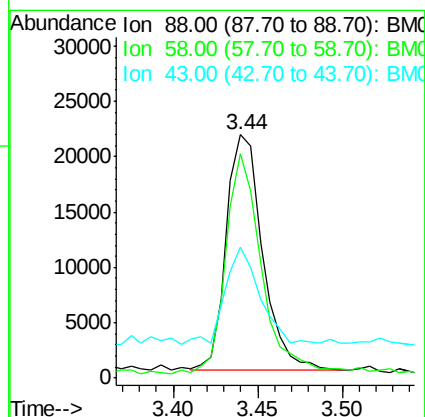
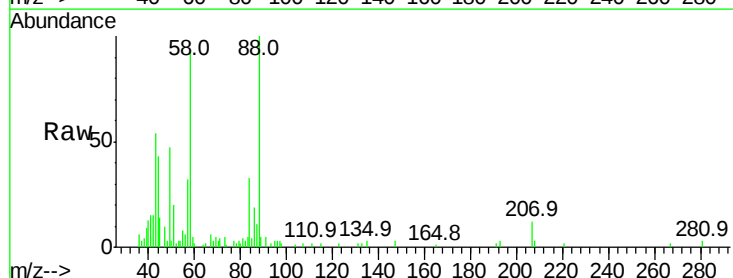
Tot Ion:152 Resp: 499138
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 55.9 43.0 64.4

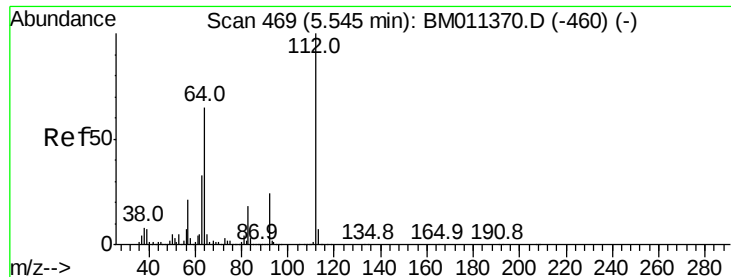


#2

1,4-Dioxane
Concen: 2.150 ng
RT: 3.44 min Scan# 111
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion: 88 Resp: 31822
Ion Ratio Lower Upper
88 100
58 92.8 0.0 0.0#
43 39.5 0.0 0.0#





#5

2-Fluorophenol

Concen: 4.878 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

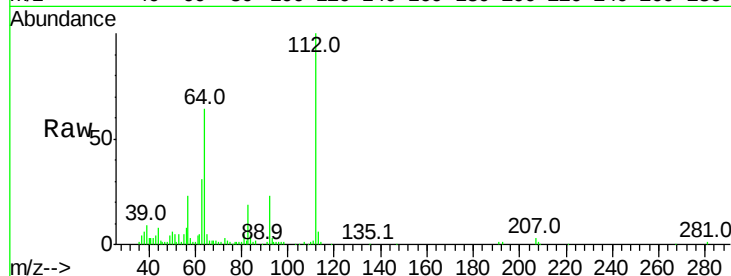
Tot Ion:112 Resp: 146895

Ion Ratio Lower Upper

112 100

64 64.5 38.6 57.8#

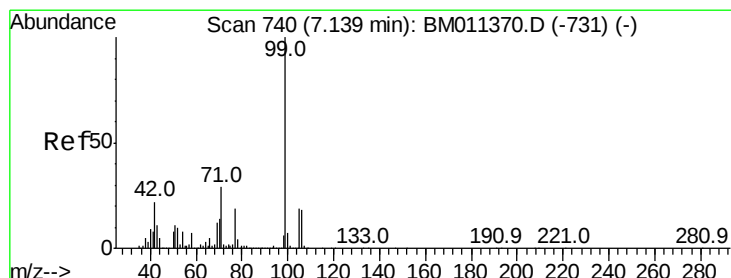
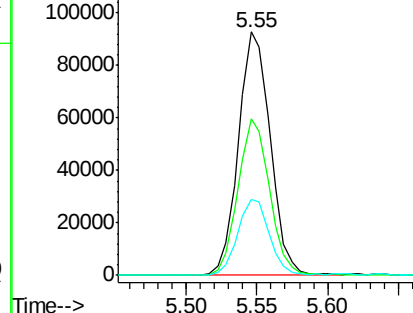
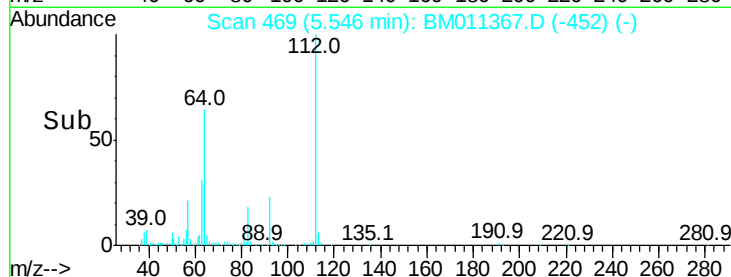
63 30.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 3.659 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

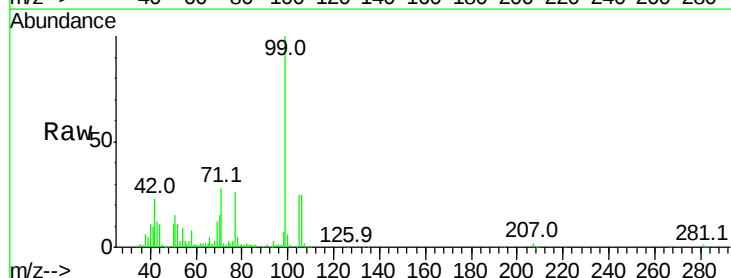
Tgt Ion: 99 Resp: 195043

Ion Ratio Lower Upper

99 100

42 22.9 11.0 16.4#

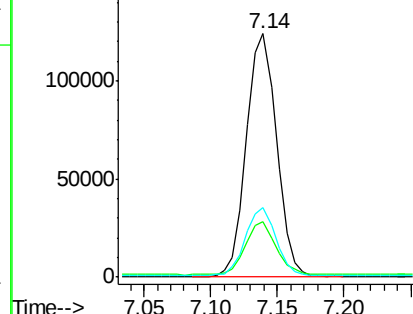
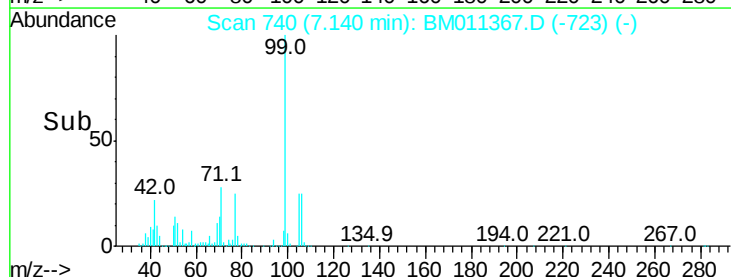
71 28.4 23.4 35.2

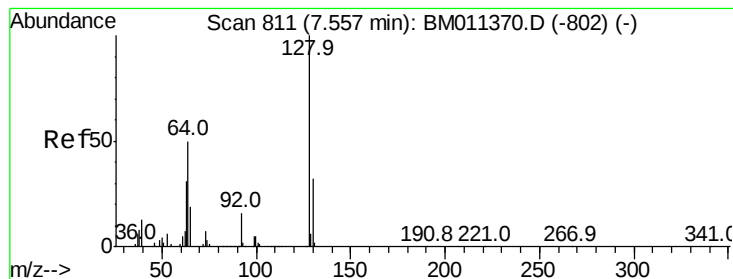


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 2.713 ng

RT: 7.56 min Scan# 811

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

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ClientSampleId :

SSTDICC2.5

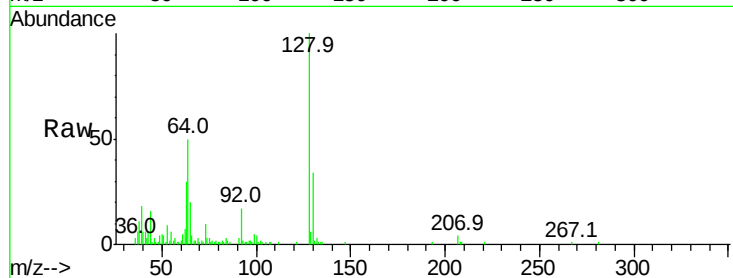
Tot Ion:128 Resp: 86376

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

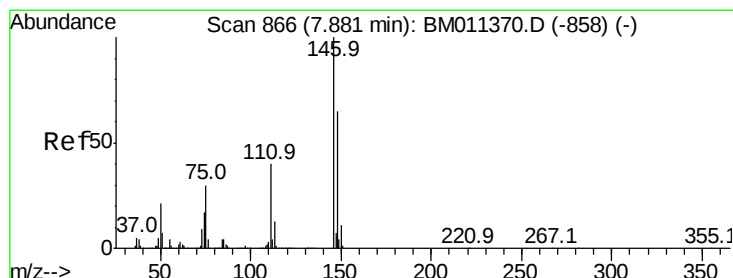
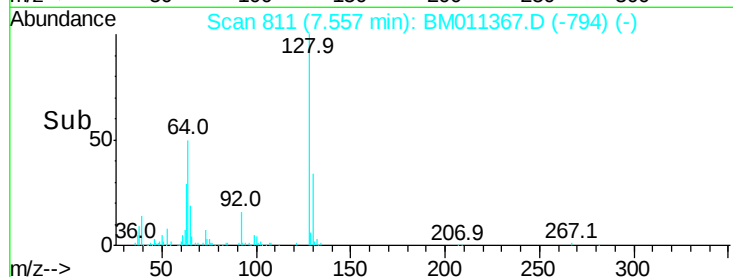
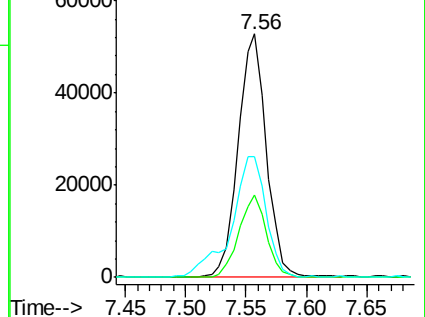
64 49.6 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#12

1,3-Dichlorobenzene

Concen: 2.660 ng

RT: 7.89 min Scan# 867

Delta R.T. 0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

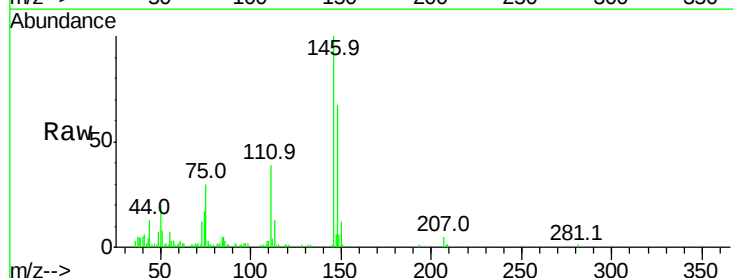
Tgt Ion:146 Resp: 99693

Ion Ratio Lower Upper

146 100

148 67.0 50.9 76.3

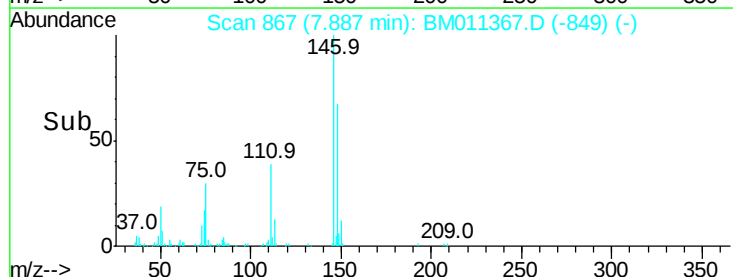
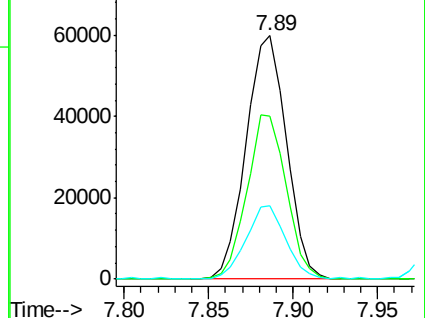
75 30.3 21.4 32.2

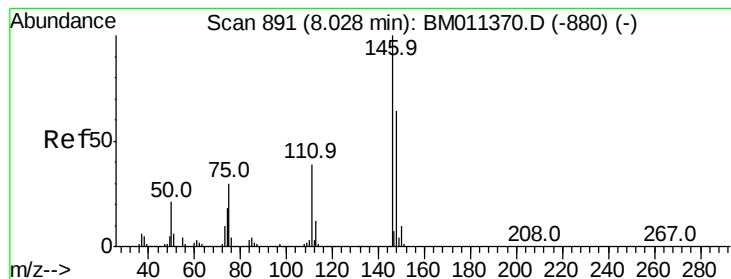


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM





#13

1,4-Dichlorobenzene

Concen: 2.623 ng

RT: 8.03 min Scan# 892

Delta R.T. 0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

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ClientSampleId :

SSTDICC2.5

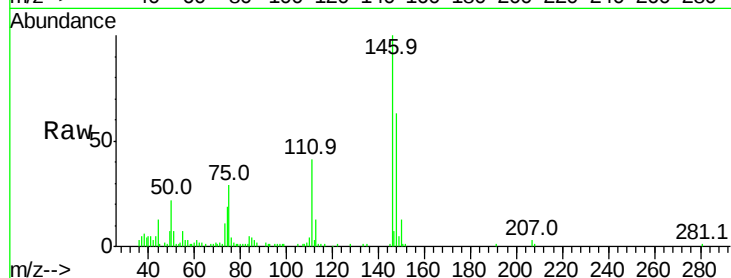
Tot Ion:146 Resp: 100901

Ion Ratio Lower Upper

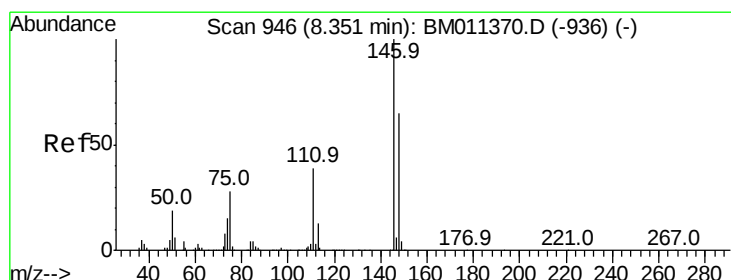
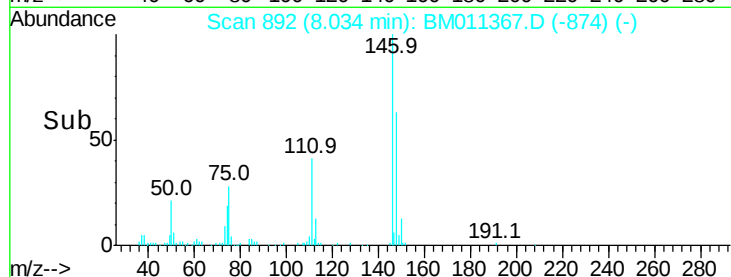
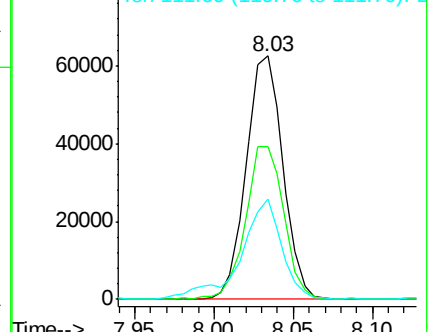
146 100

148 62.9 51.9 77.9

111 40.9 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.598 ng

RT: 8.35 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

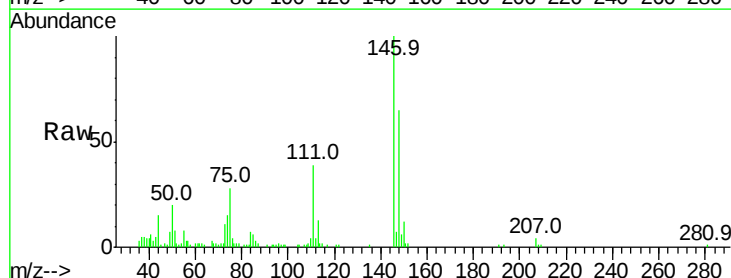
Tgt Ion:146 Resp: 98589

Ion Ratio Lower Upper

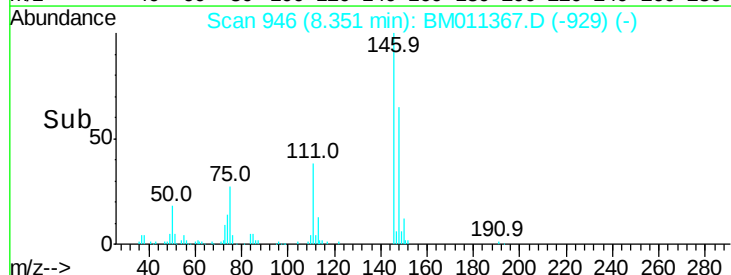
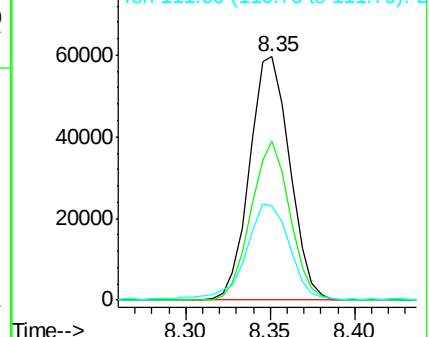
146 100

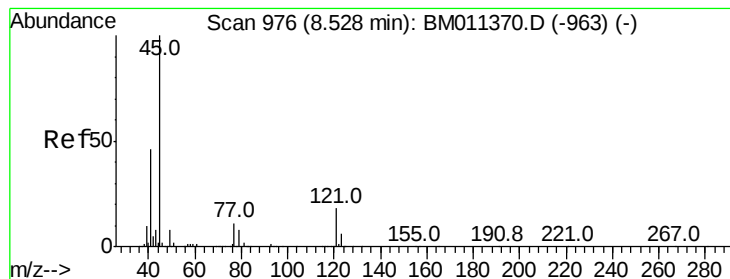
148 65.2 52.3 78.5

111 38.7 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 3.037 ng

RT: 8.52 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM011367.D

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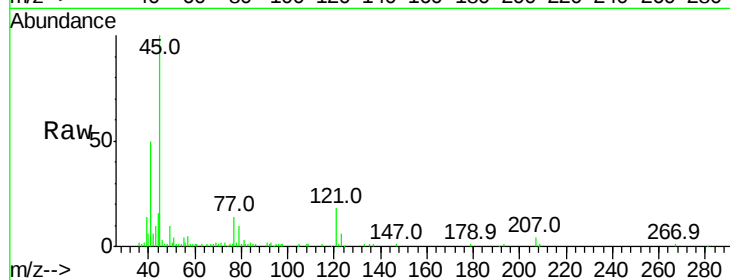
Tot Ion: 45 Resp: 149540

Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

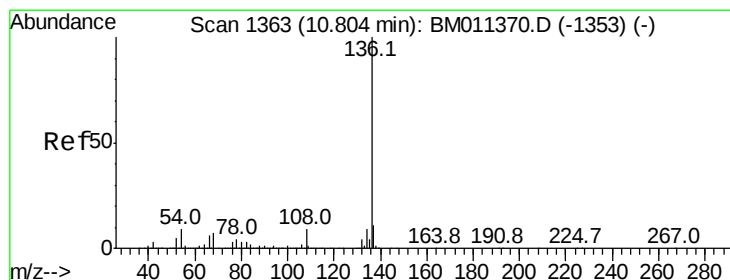
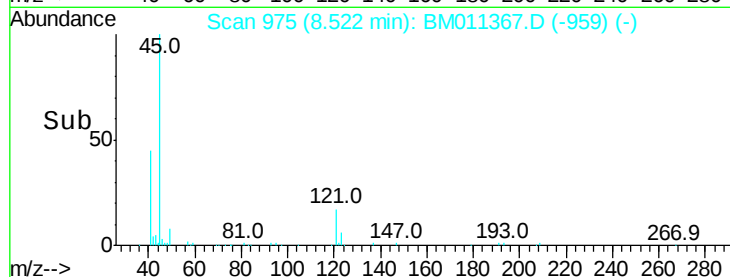
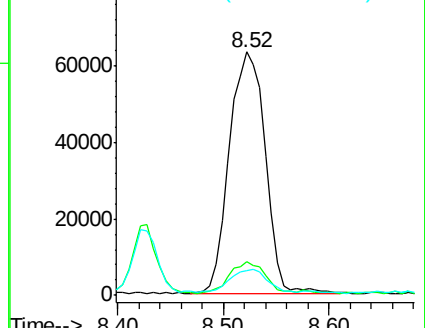
79 10.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM011370.D (-963) (-)

Ion 77.00 (76.70 to 77.70): BM011370.D (-963) (-)

Ion 79.00 (78.70 to 79.70): BM011370.D (-963) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Tgt Ion: 136 Resp: 2192622

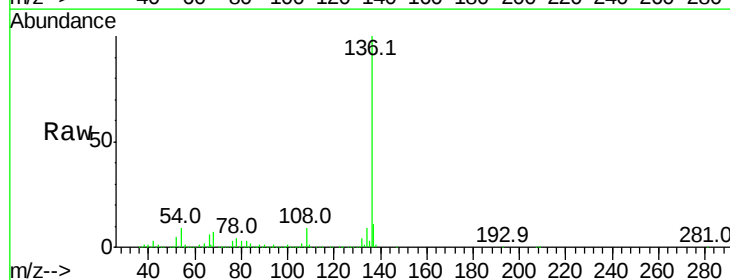
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 4.6 6.8#

68 6.8 3.7 5.5#

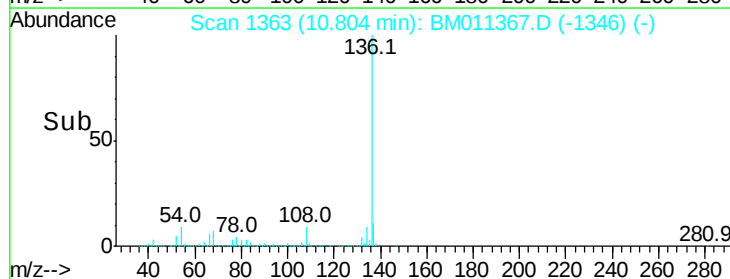
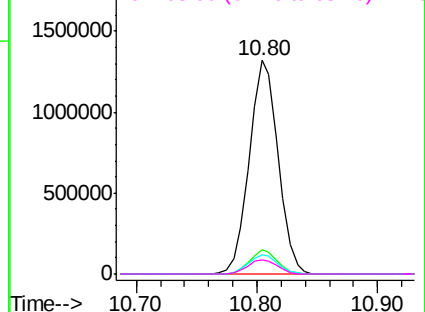


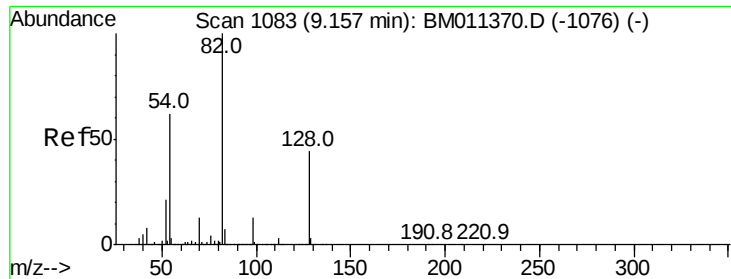
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

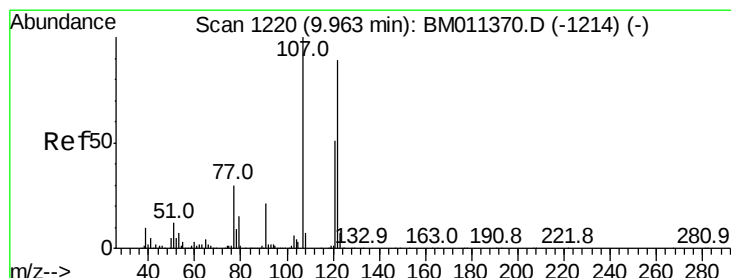
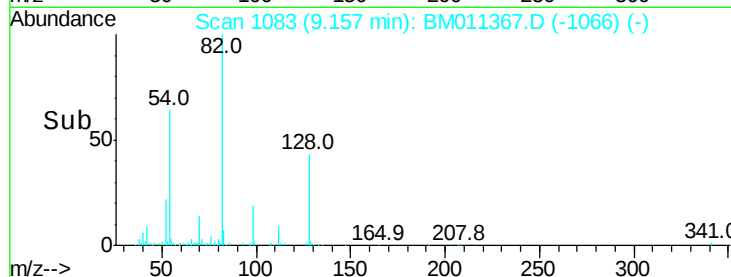
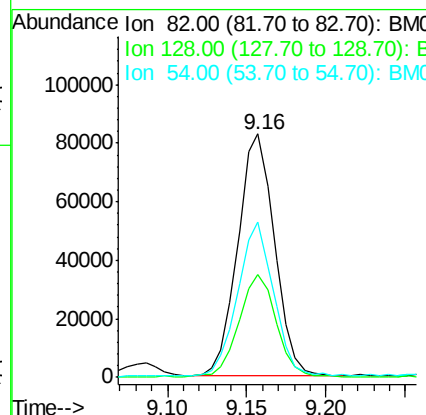
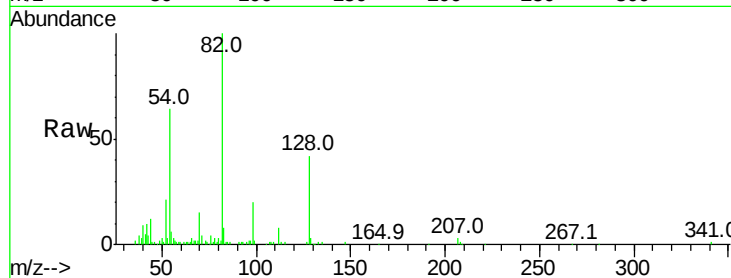




#23
 Nitrobenzene-d5
 Concen: 1.821 ng
 RT: 9.16 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

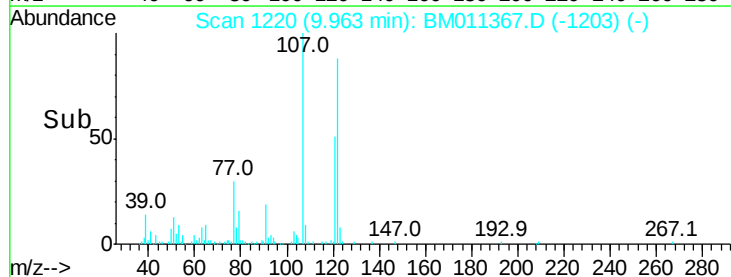
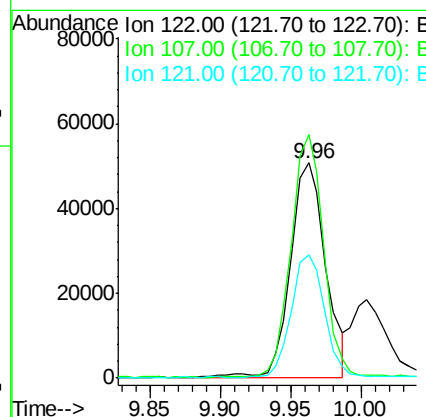
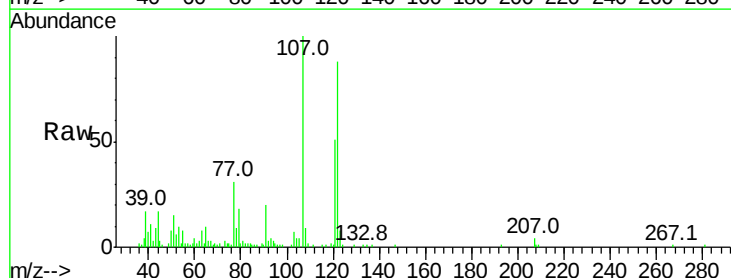
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

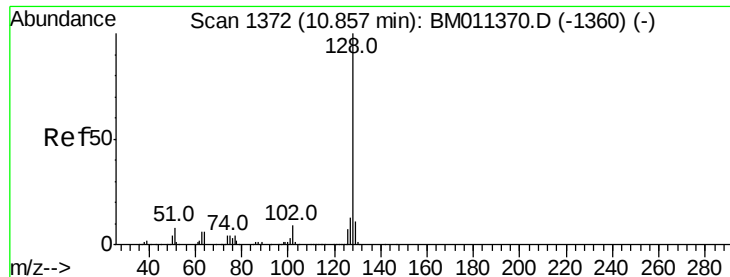
Tot Ion	82	Resp	133085
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.8	49.2
54	64.0	40.6	60.8#



#27
 2,4-Dimethylphenol
 Concen: 2.571 ng
 RT: 9.96 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

Tgt Ion	122	Resp	88303
Ion Ratio	Lower	Upper	
122	100		
107	113.2	84.7	127.1
121	57.4	46.6	69.8

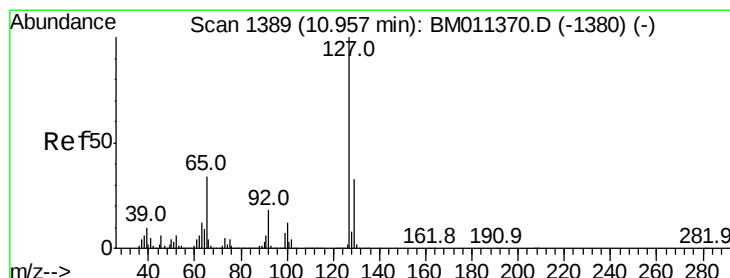
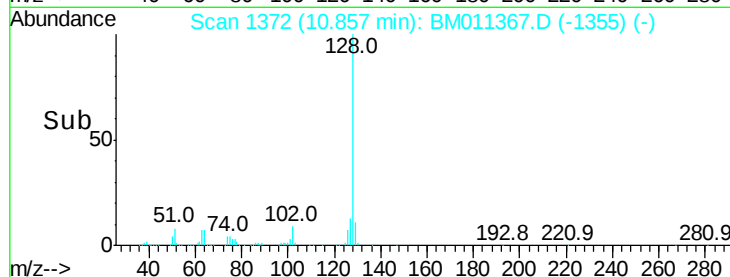
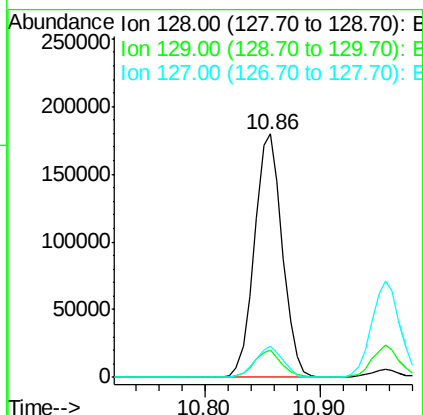
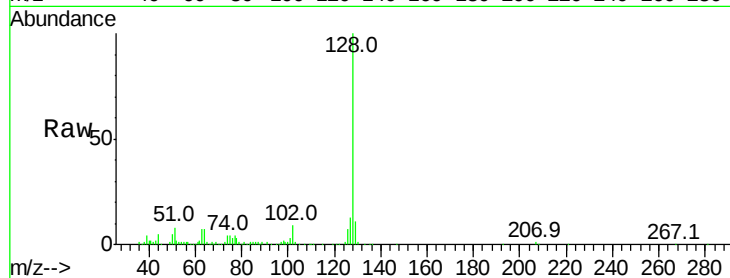




#31
Naphthalene
Concen: 2.600 ng
RT: 10.86 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

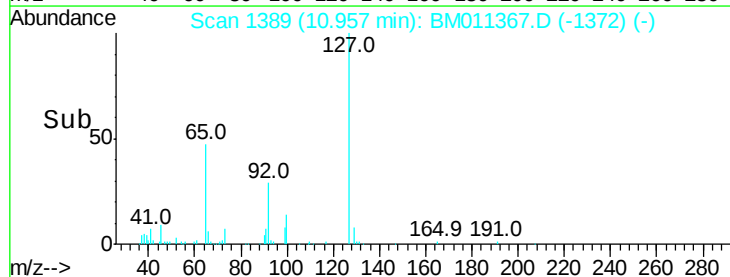
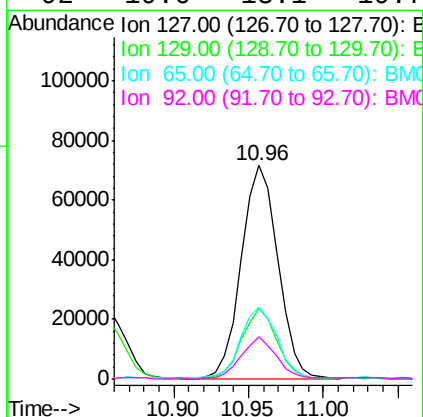
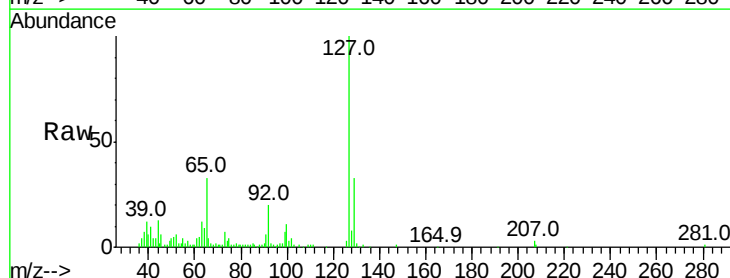
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

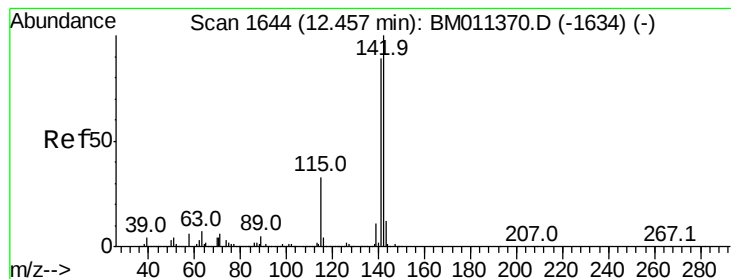
Tot Ion:128 Resp: 302488
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.8 10.4 15.6



#33
4-Chloroaniline
Concen: 2.444 ng
RT: 10.96 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion:127 Resp: 122048
Ion Ratio Lower Upper
127 100
129 33.2 25.3 37.9
65 33.4 17.6 26.4#
92 19.6 13.1 19.7





#37

2-Methylnaphthalene

Concen: 2.240 ng

RT: 12.46 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

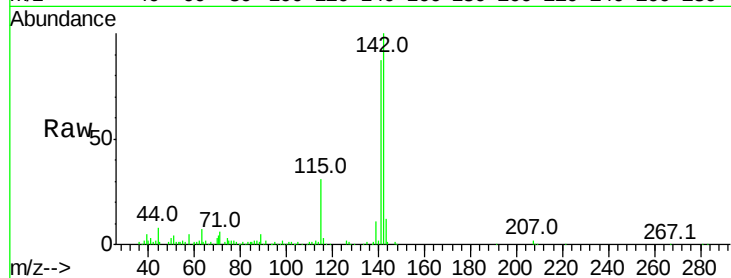
Tot Ion:142 Resp: 207556

Ion Ratio Lower Upper

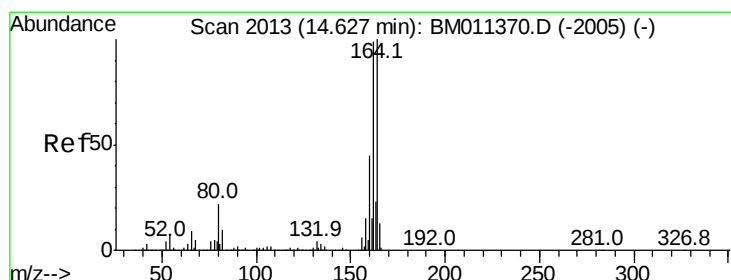
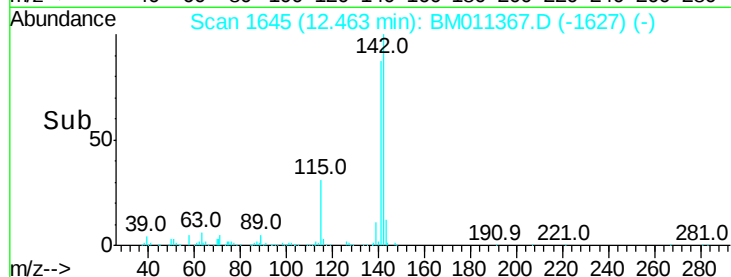
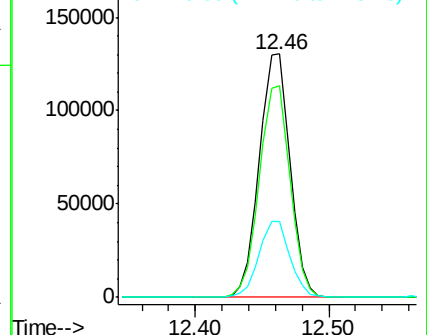
142 100

141 87.0 71.9 107.9

115 31.4 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

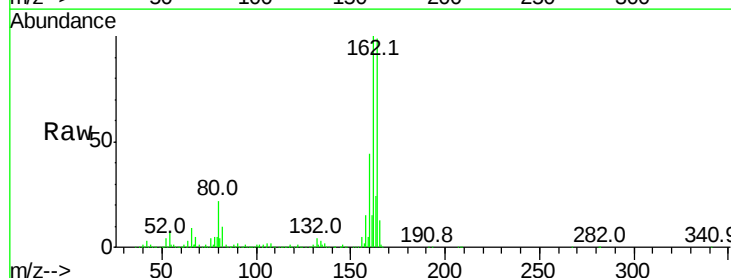
Tgt Ion:164 Resp: 1306416

Ion Ratio Lower Upper

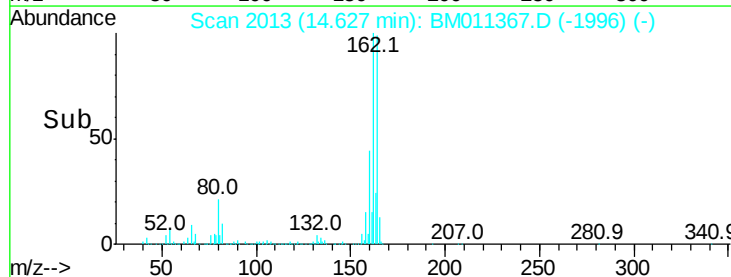
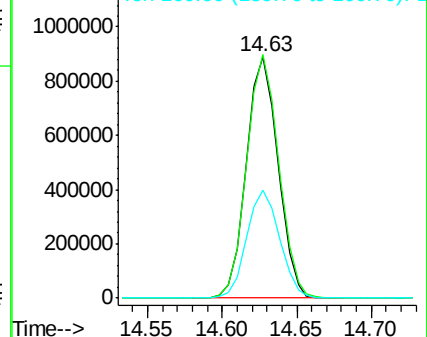
164 100

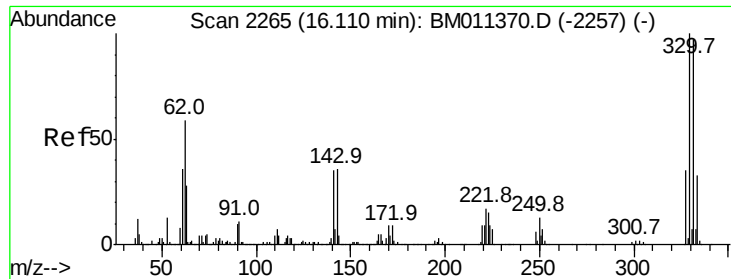
162 100.8 82.4 123.6

160 44.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

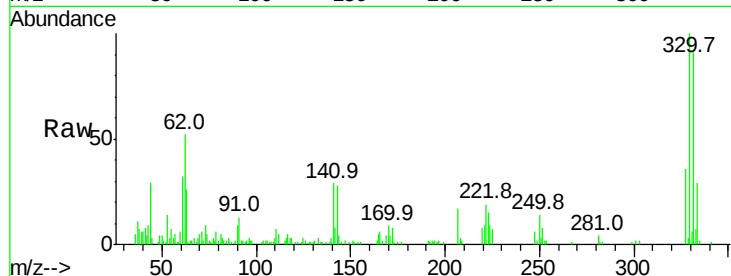




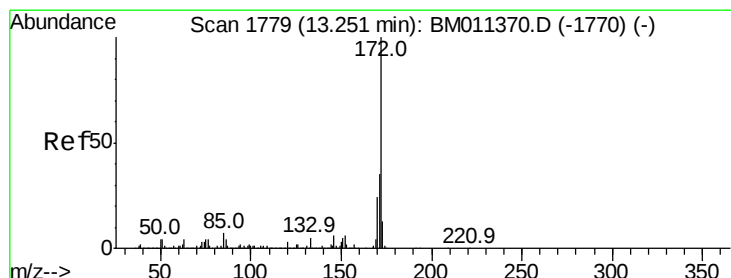
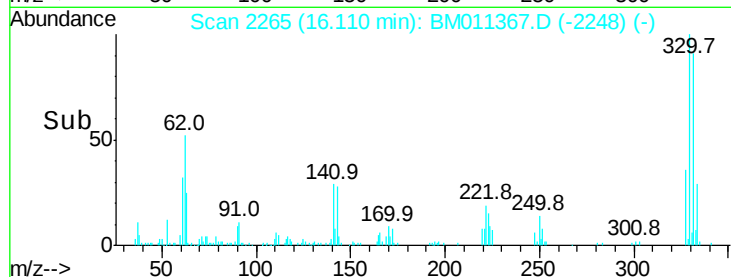
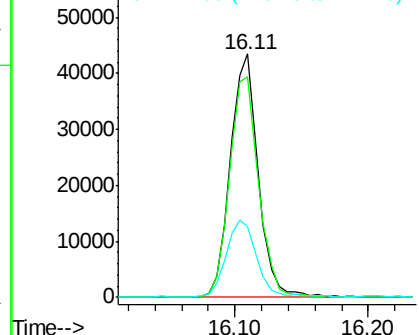
#41
 2,4,6-Tribromophenol
 Concen: 2.777 ng
 RT: 16.11 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	35.4	0.0	0.0#

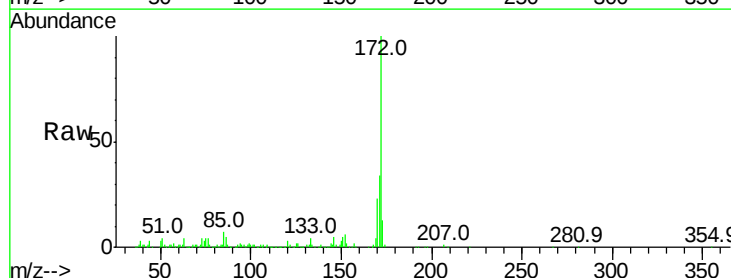


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

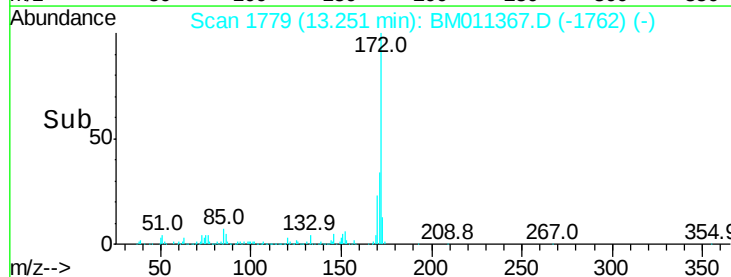
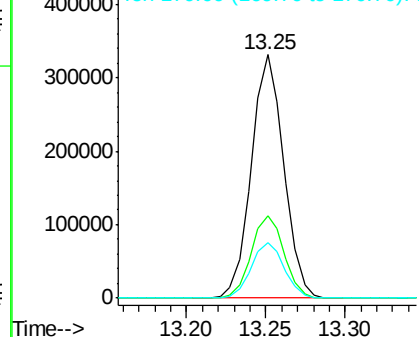


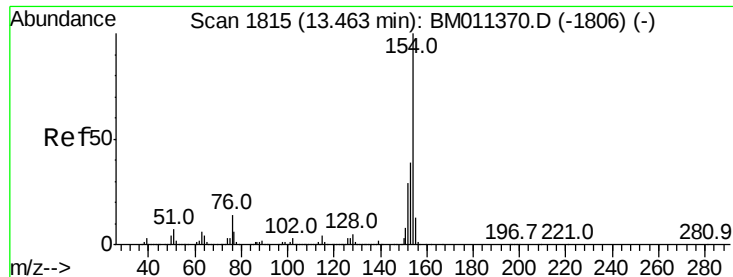
#44
 2-Fluorobiphenyl
 Concen: 5.031 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	22.8	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

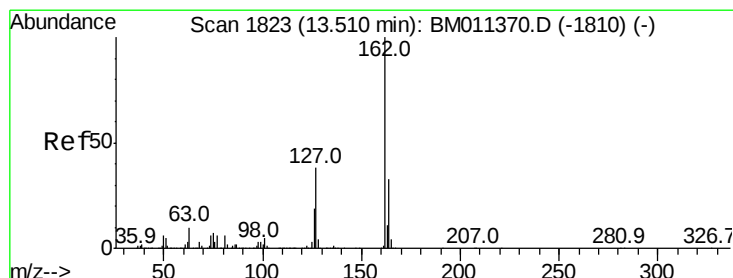
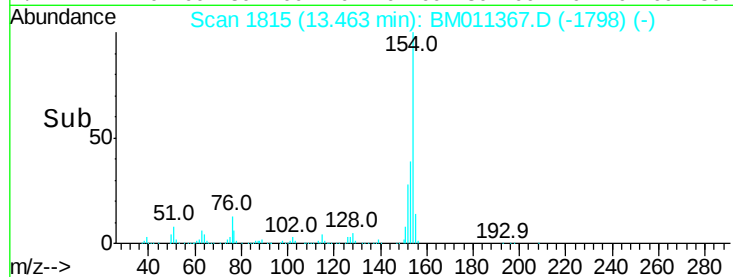
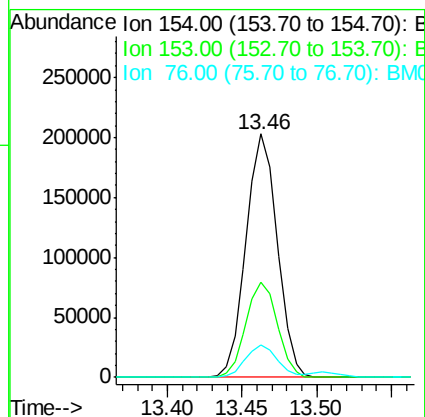
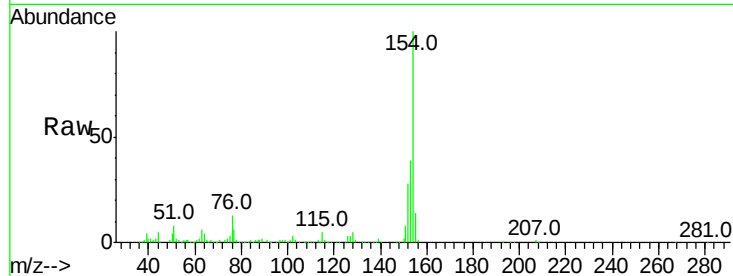




#45
 1,1'-Biphenyl
 Concen: 2.915 ng
 RT: 13.46 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

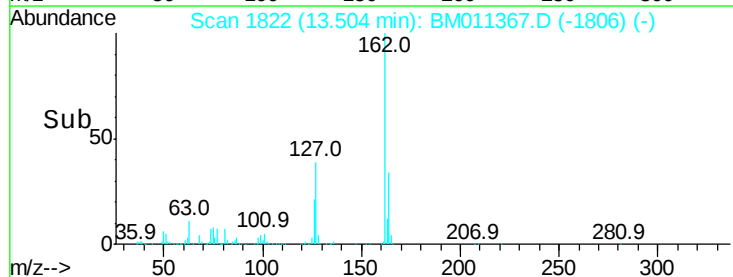
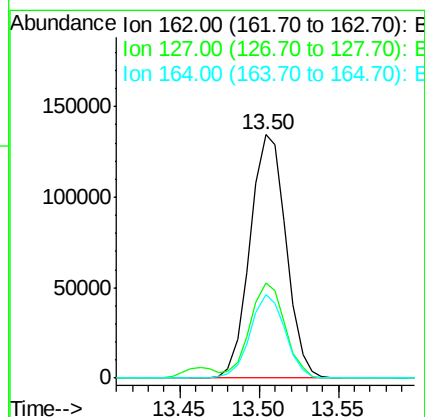
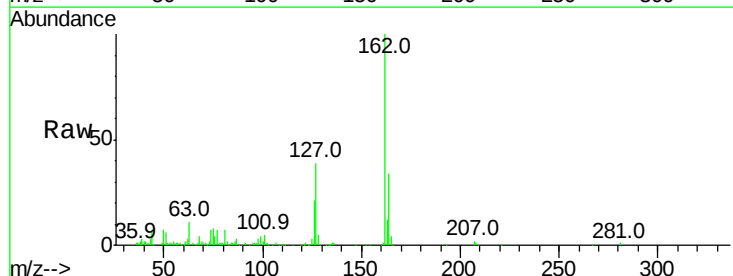
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

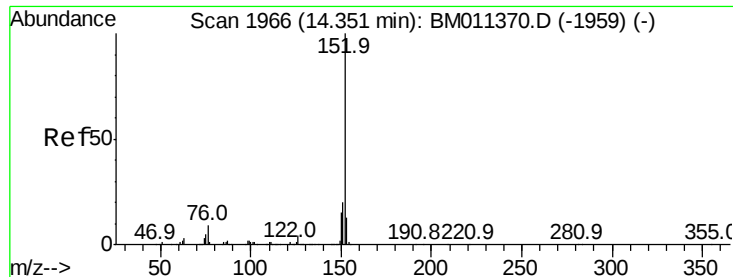
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.7	60.7
76	13.5	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 2.651 ng
 RT: 13.50 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	26.9	40.3
164	34.1	26.8	40.2





#48

Acenaphthylene

Concen: 2.674 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

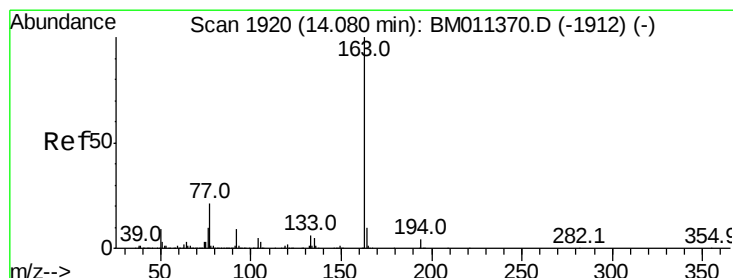
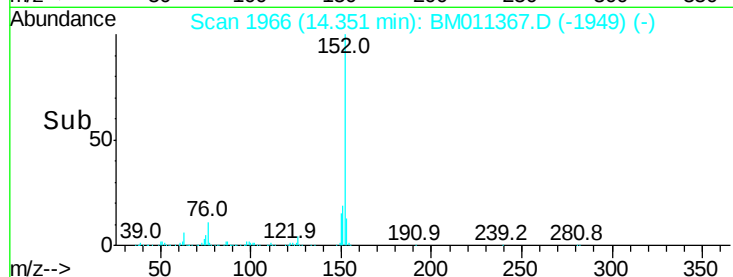
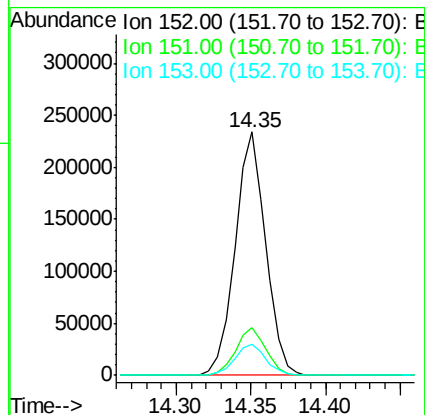
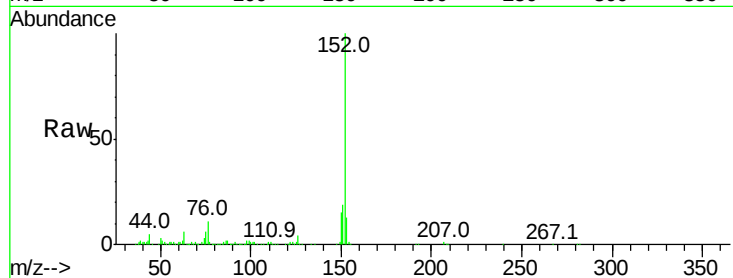
Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tot Ion:	152	Resp:	330193
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.5	10.6	16.0



#49

Dimethylphthalate

Concen: 2.267 ng

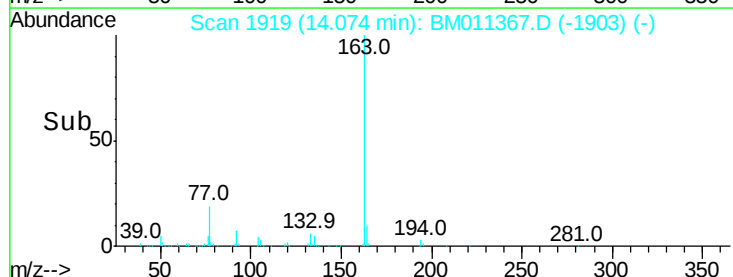
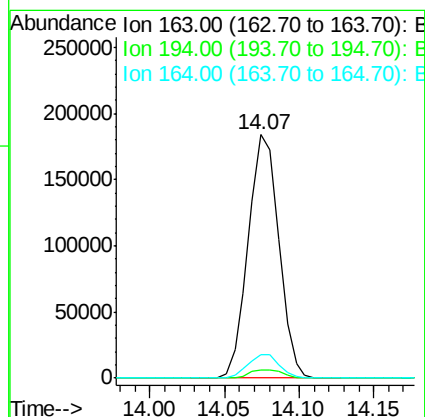
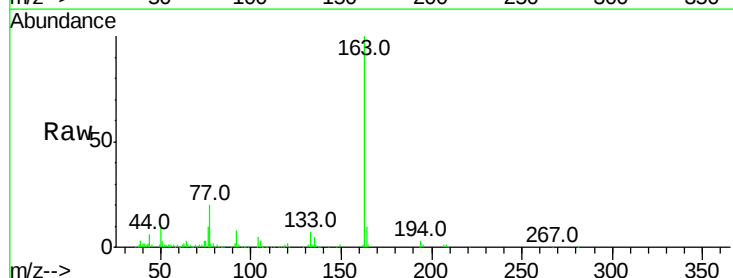
RT: 14.07 min Scan# 1919

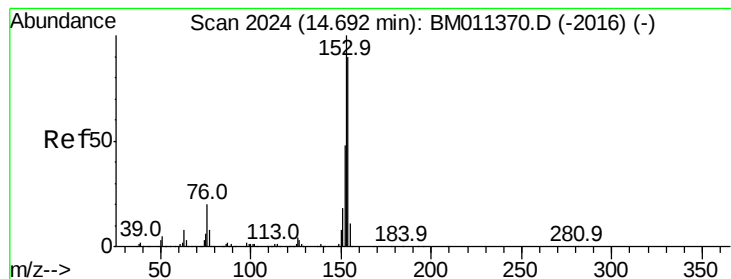
Delta R.T. -0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Tgt Ion:	163	Resp:	261989
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2





#51

Acenaphthene

Concen: 2.708 ng

RT: 14.69 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

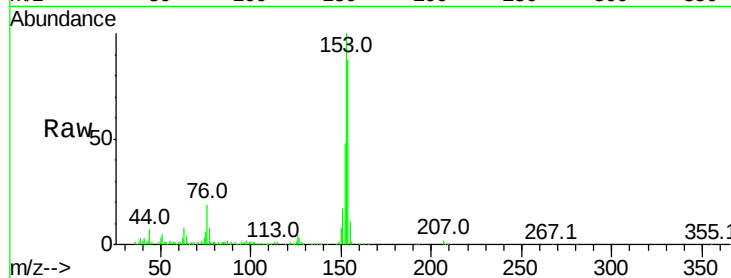
Tot Ion:154 Resp: 212544

Ion Ratio Lower Upper

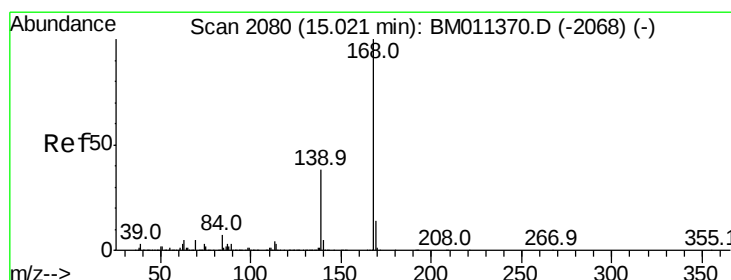
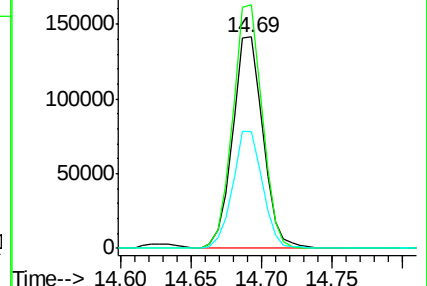
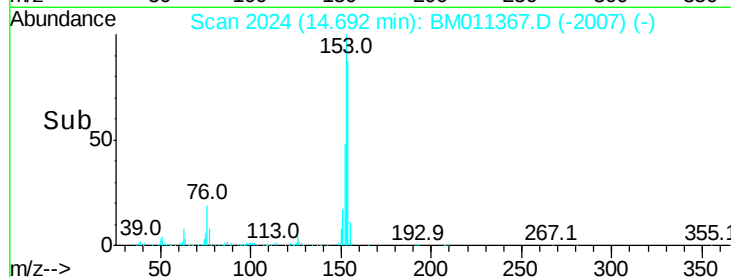
154 100

153 115.2 90.0 135.0

152 55.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.399 ng

RT: 15.02 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

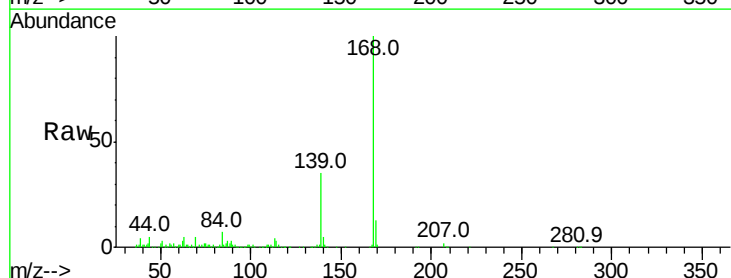
Tgt Ion:168 Resp: 310202

Ion Ratio Lower Upper

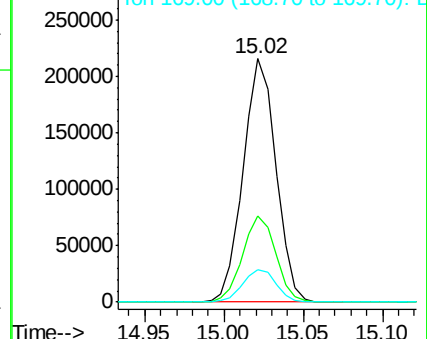
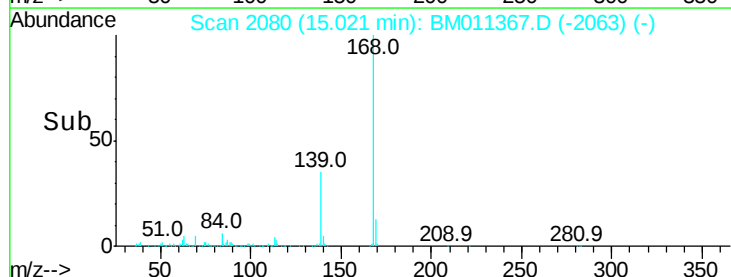
168 100

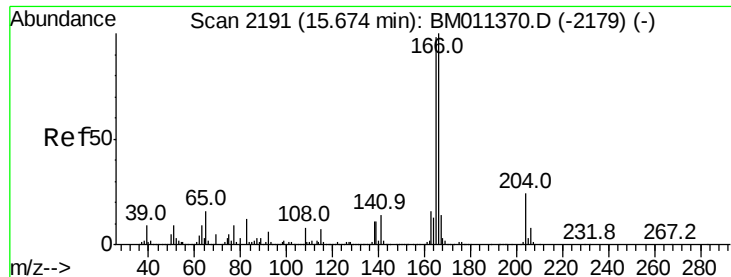
139 35.3 27.3 40.9

169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

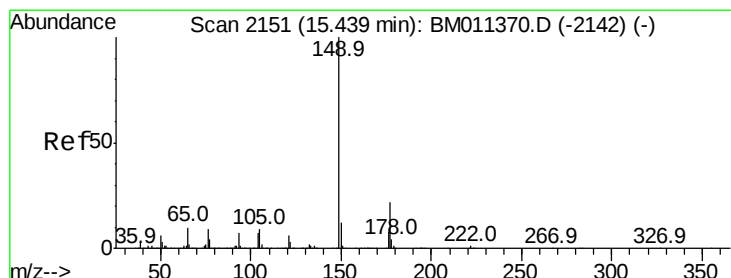
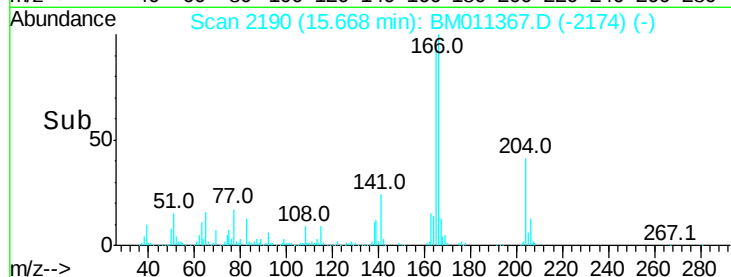
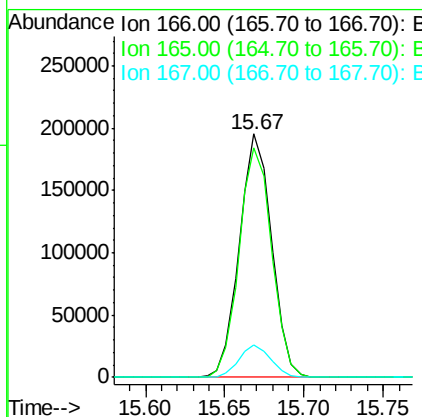
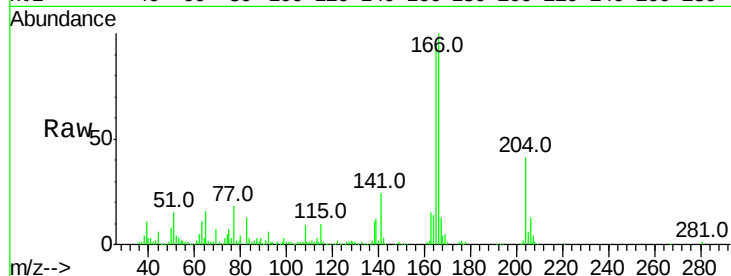




#57
Fluorene
Concen: 2.273 ng
RT: 15.67 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

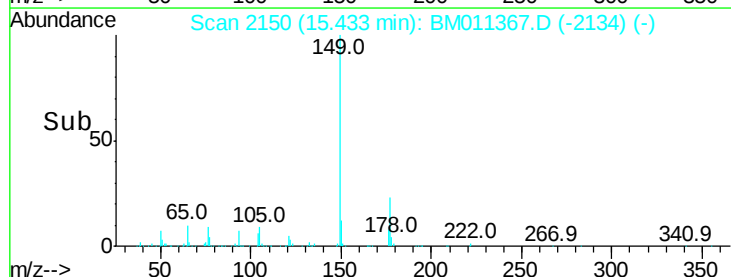
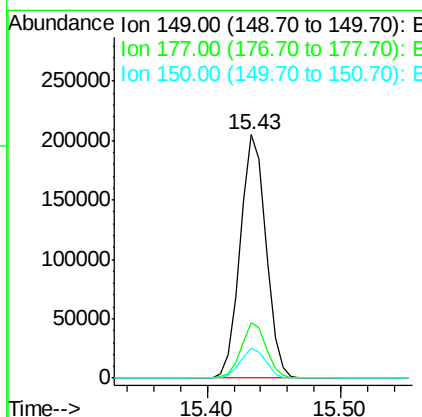
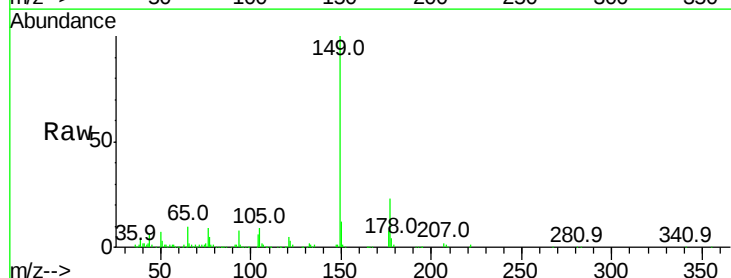
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

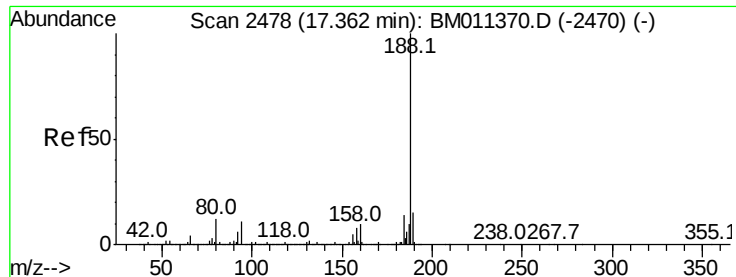
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.0	118.4
167	13.3	10.3	15.5



#59
Diethylphthalate
Concen: 2.248 ng
RT: 15.43 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.0	9.8	14.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

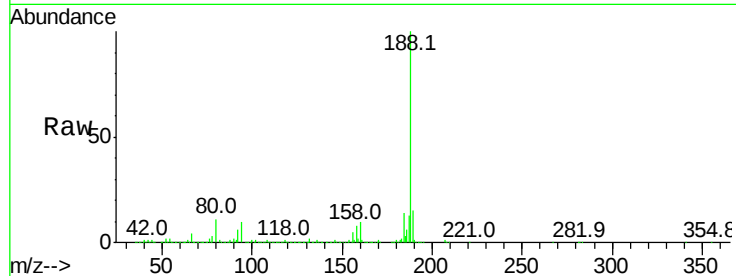
Tot Ion:188 Resp: 3019334

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

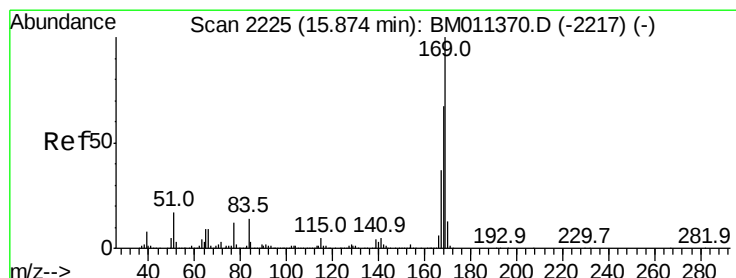
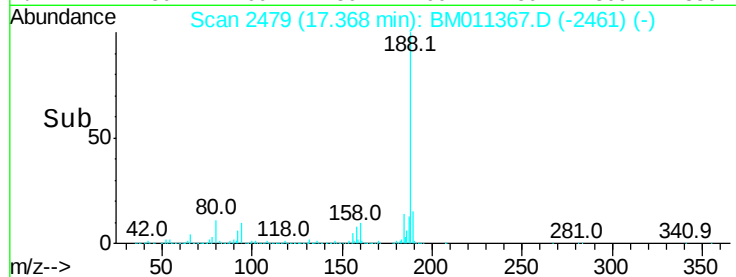
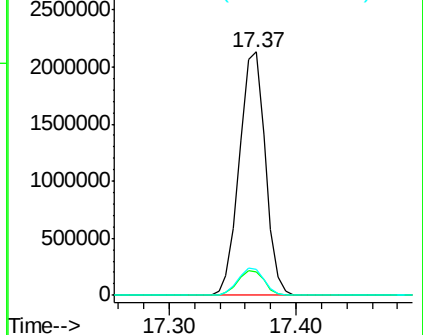
80 10.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

n-Nitrosodiphenylamine

Concen: 2.980 ng

RT: 15.87 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

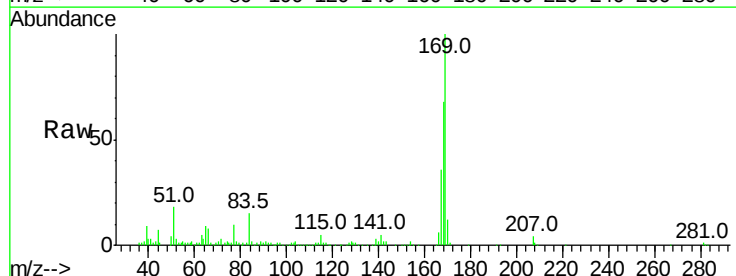
Tgt Ion:169 Resp: 234022

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

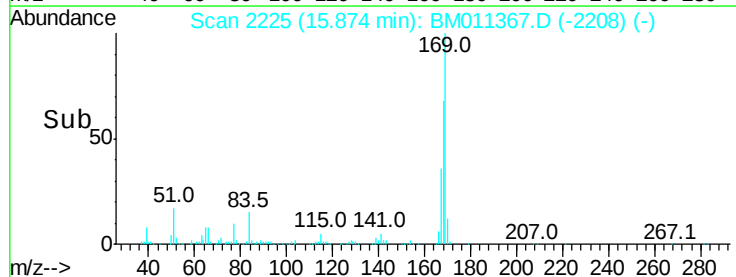
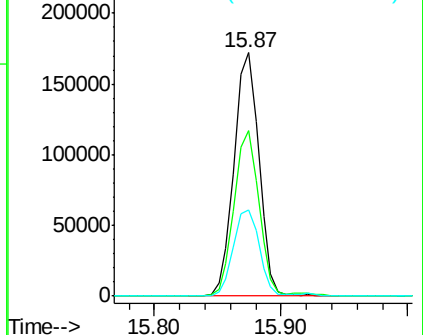
167 35.6 28.9 43.3

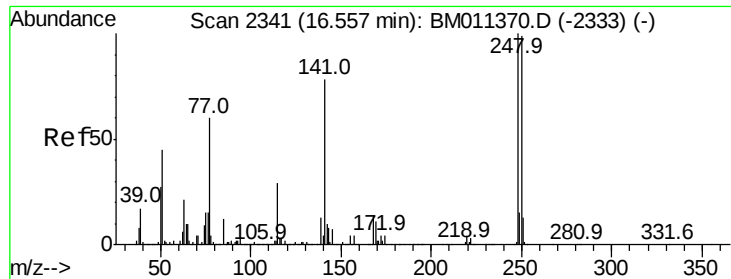


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

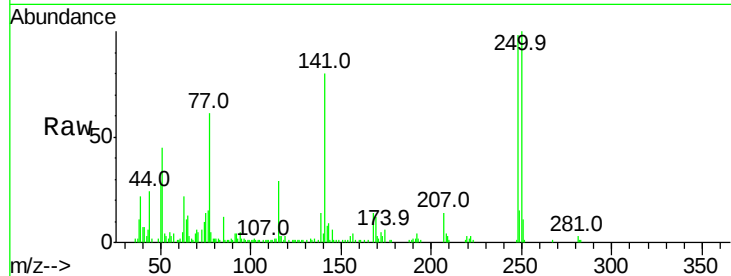




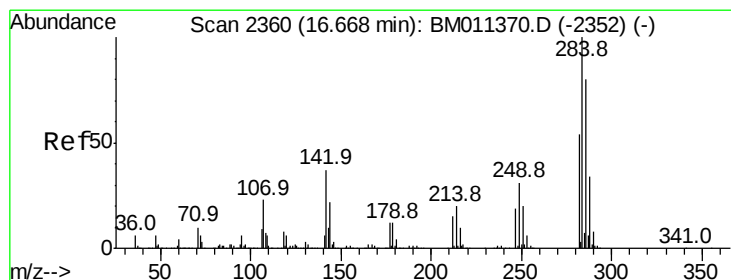
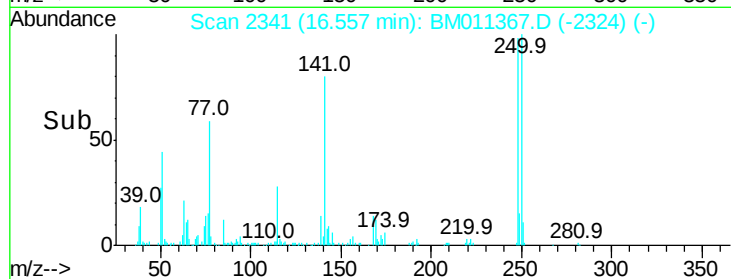
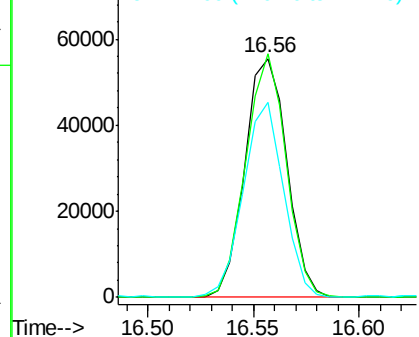
#66
4-Bromophenyl-phenylether
Concen: 2.188 ng
RT: 16.56 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion:248 Resp: 76627
Ion Ratio Lower Upper
248 100
250 102.1 77.4 116.0
141 82.0 45.2 67.8#

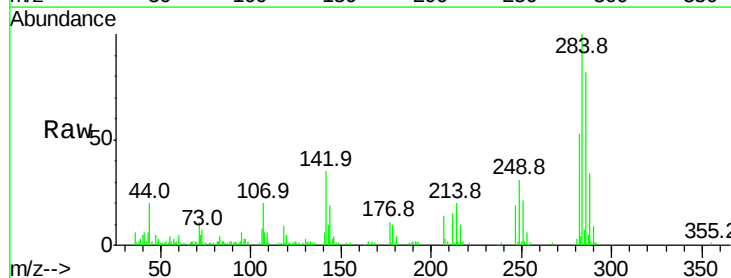


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

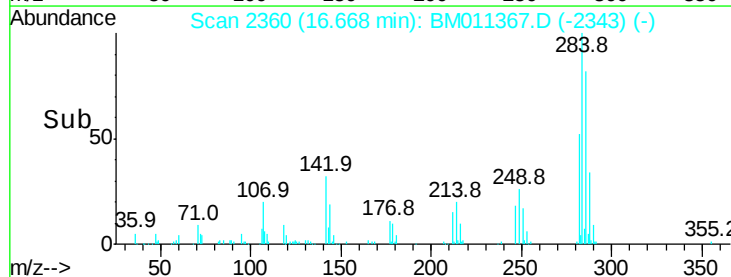
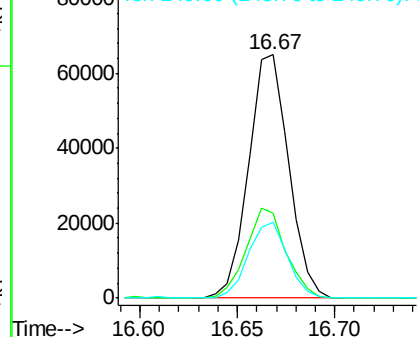


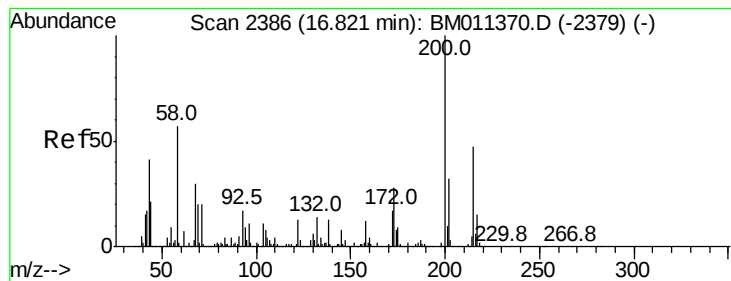
#67
Hexachlorobenzene
Concen: 2.335 ng
RT: 16.67 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion:284 Resp: 92264
Ion Ratio Lower Upper
284 100
142 34.8 20.4 30.6#
249 31.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 2.093 ng

RT: 16.82 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

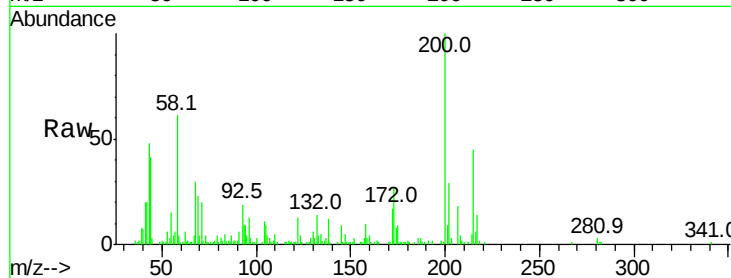
Tot Ion:200 Resp: 69960

Ion Ratio Lower Upper

200 100

173 26.7 4.8 44.8

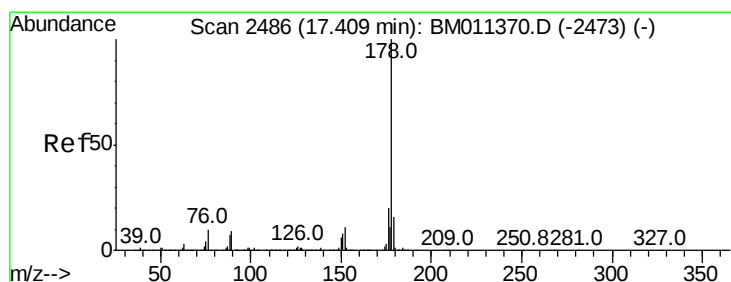
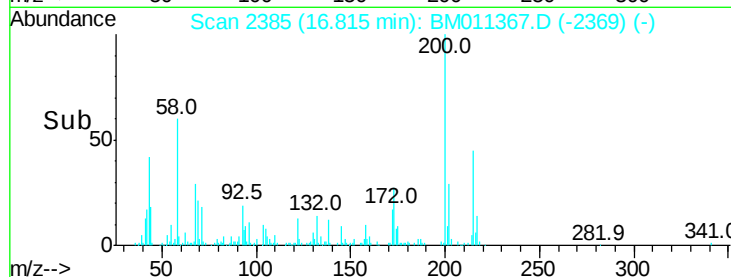
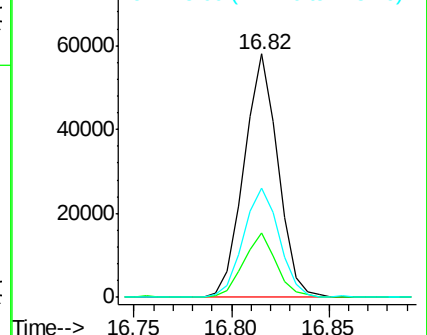
215 44.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 2.596 ng

RT: 17.40 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

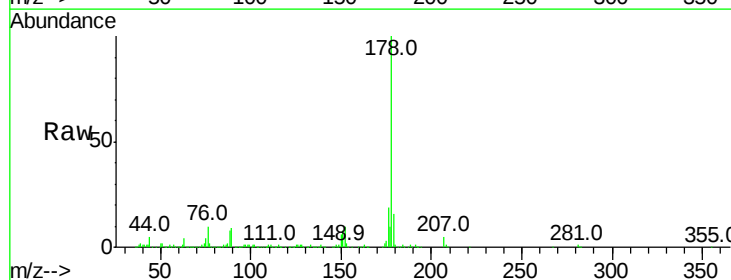
Tgt Ion:178 Resp: 436110

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

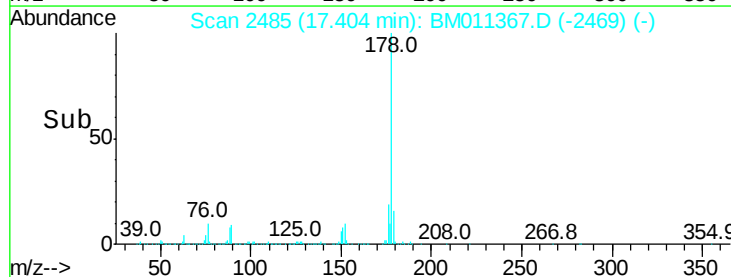
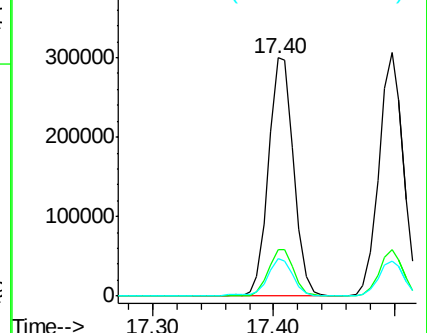
179 15.5 12.1 18.1

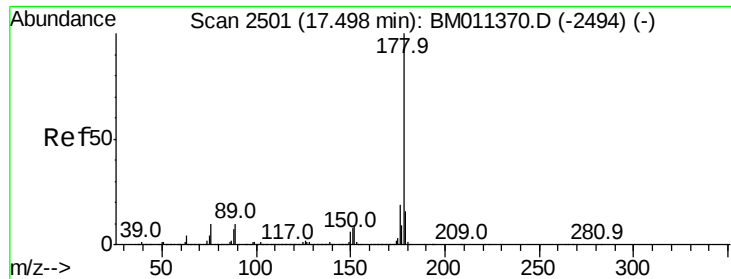


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

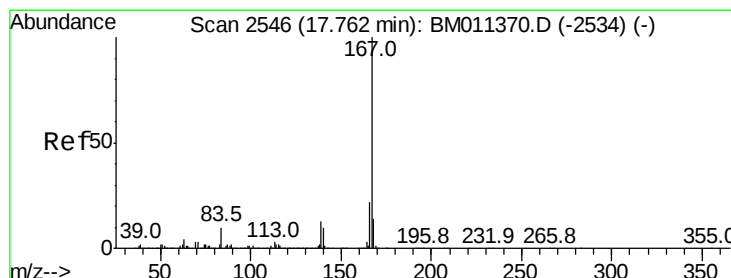
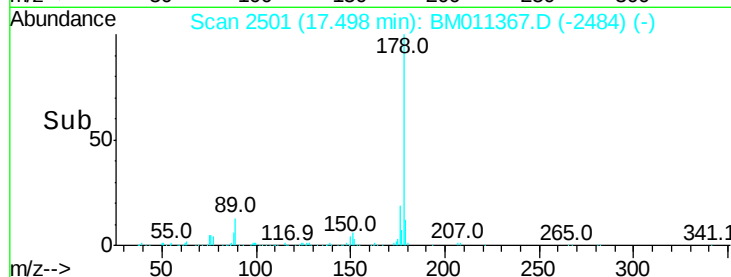
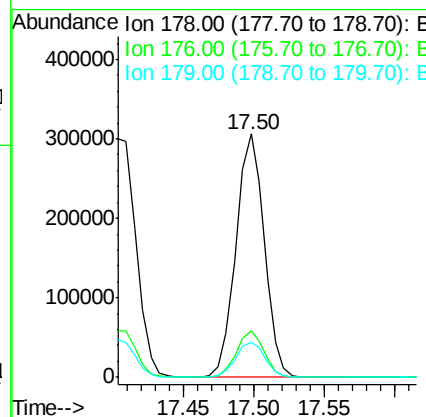
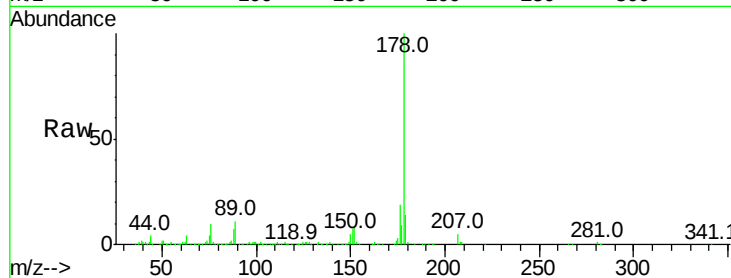




#71
 Anthracene
 Concen: 2.599 ng
 RT: 17.50 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

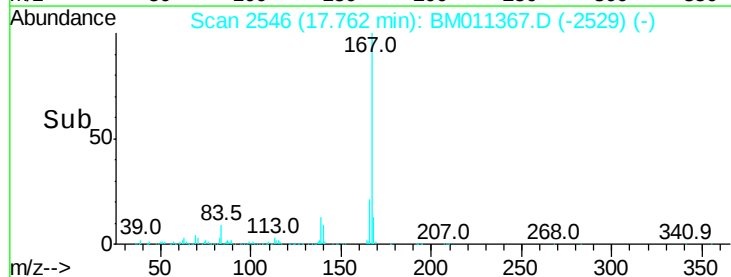
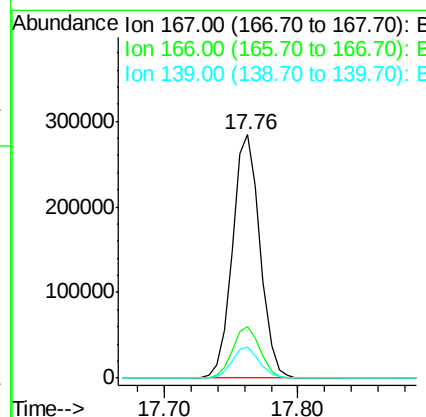
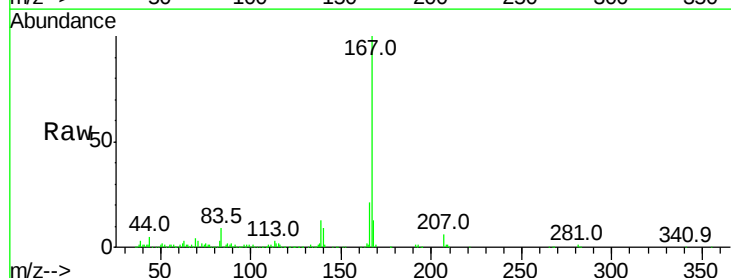
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

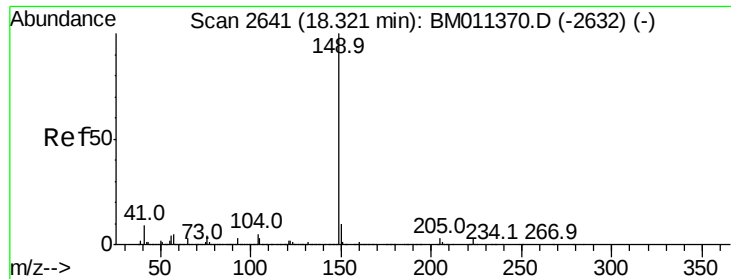
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.5	12.6	19.0



#72
 Carbazole
 Concen: 2.595 ng
 RT: 17.76 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BM011367.D
 Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.5	10.8	16.2

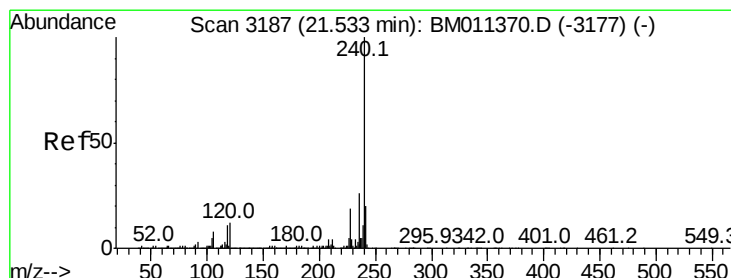
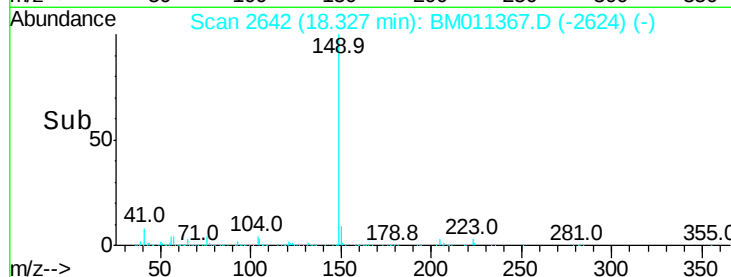
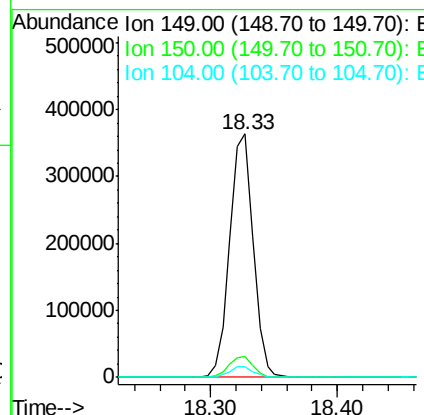
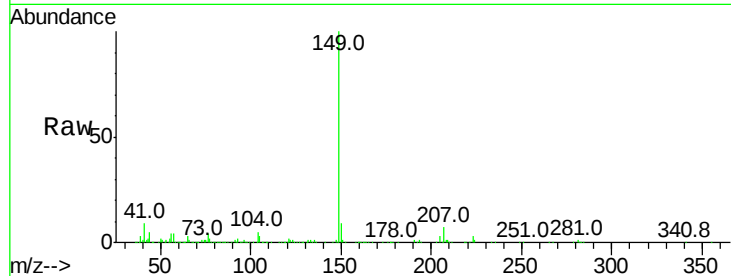




#73
Di-n-butylphthalate
Concen: 2.726 ng
RT: 18.33 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

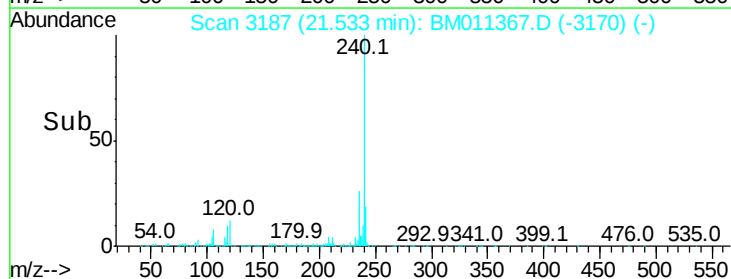
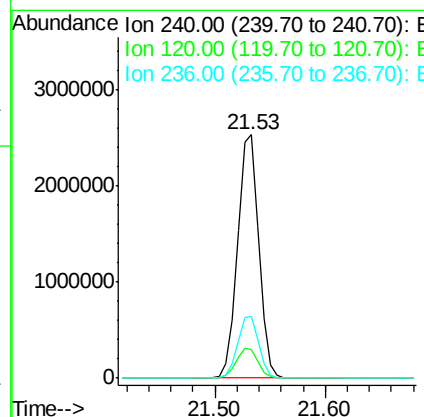
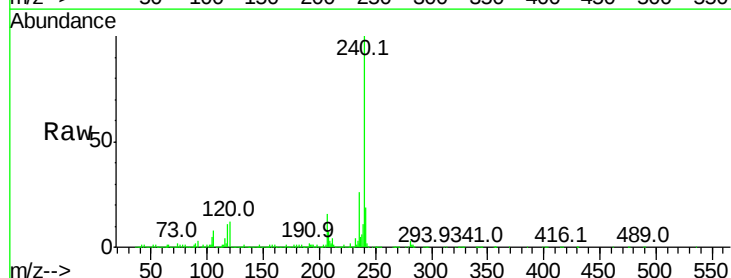
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

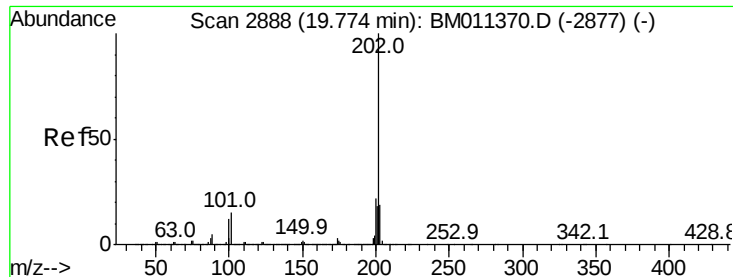
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	4.6	3.7	5.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.2	12.2
236	25.6	20.0	30.0





#77

Pvrene

Concen: 3.299 ng

RT: 19.77 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

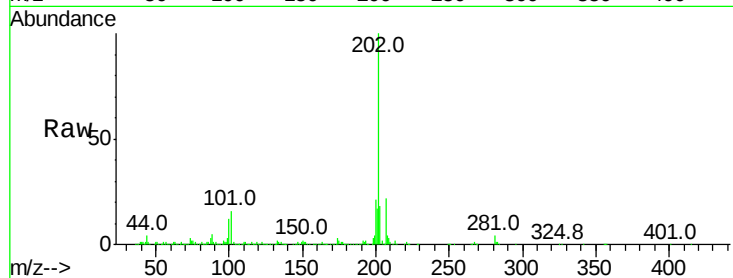
Tot Ion:202 Resp: 533601

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

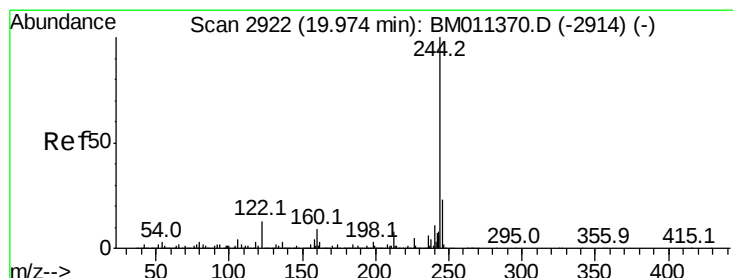
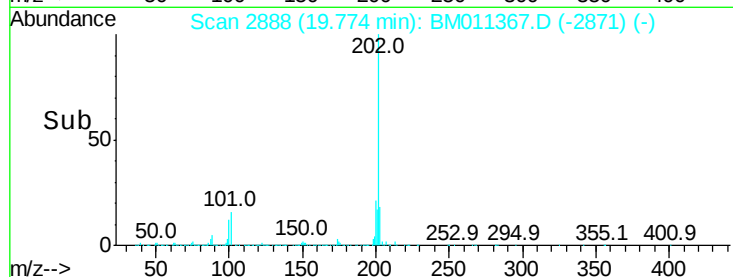
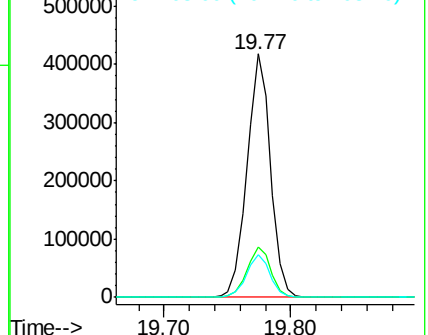
203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 5.946 ng

RT: 19.97 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

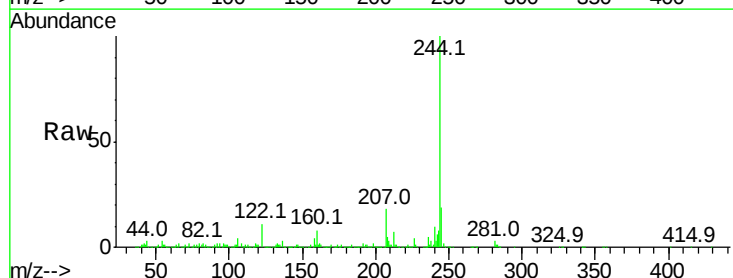
Tgt Ion:244 Resp: 743512

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

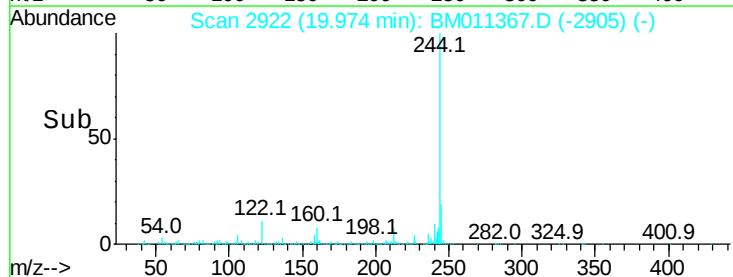
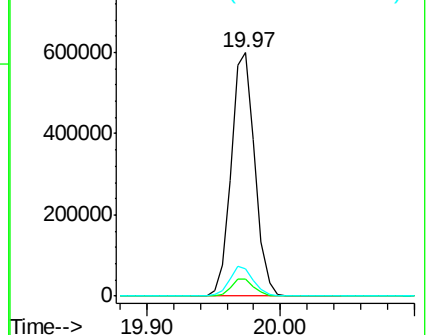
122 11.4 6.2 9.4#

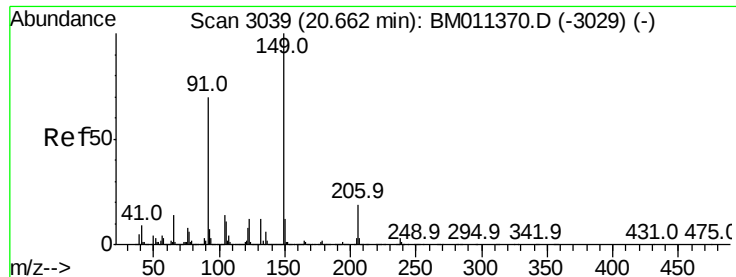


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

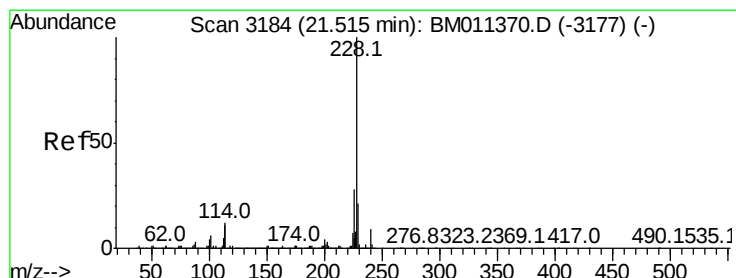
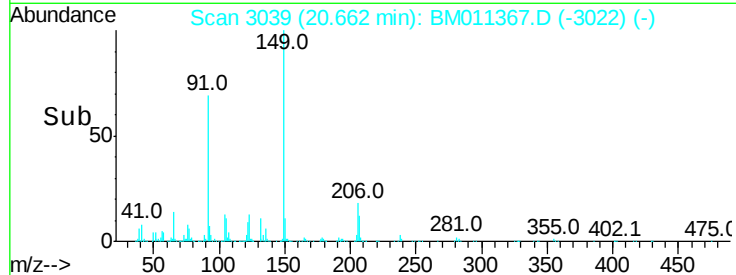
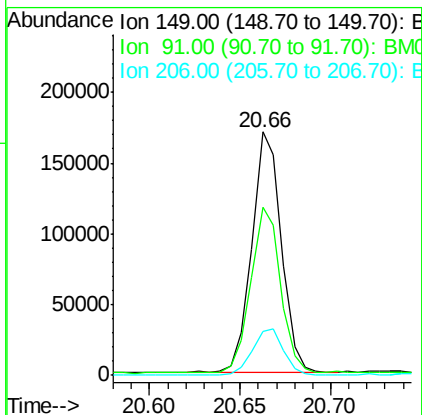
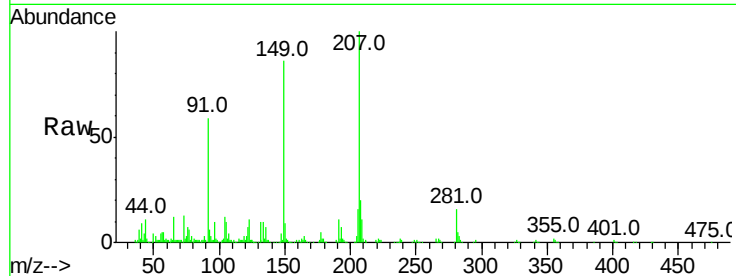




#79
Butylbenzylphthalate
Concen: 3.345 ng
RT: 20.66 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

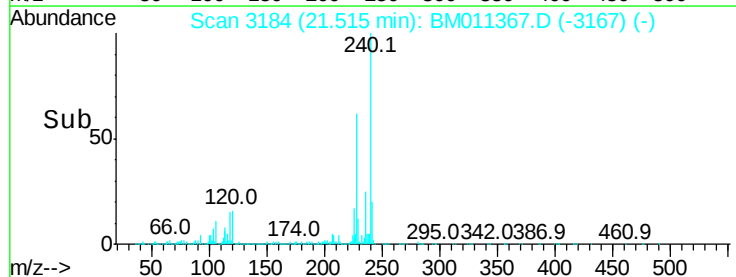
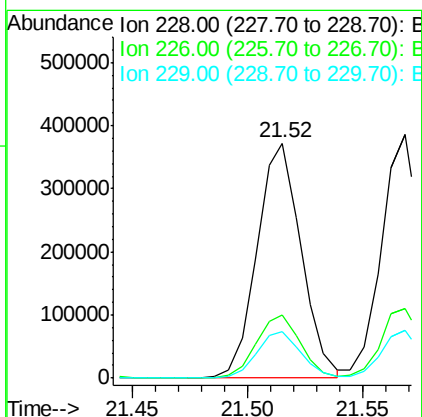
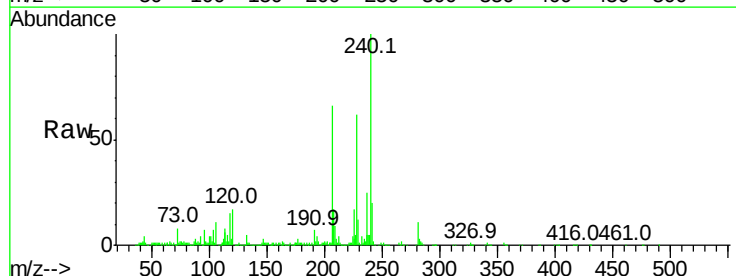
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

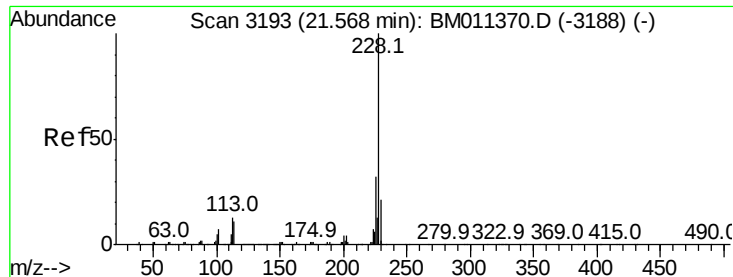
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	50.1	75.1
206	18.1	16.2	24.2



#80
Benzo(a)anthracene
Concen: 2.455 ng
RT: 21.52 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	16.0	24.0





#82

Chrysene

Concen: 2.455 ng

RT: 21.57 min Scan# 3193

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

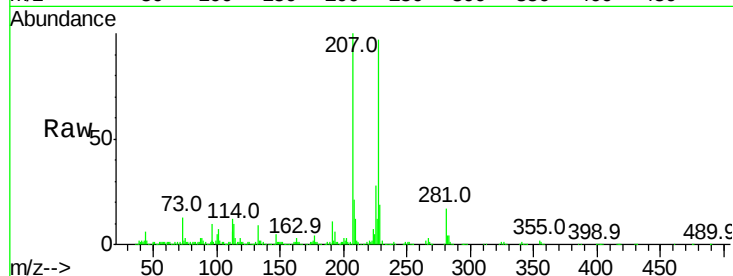
Tot Ion:228 Resp: 476011

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.1	36.1
229	19.4	15.5	23.3

228 100

226 28.6 24.1 36.1

229 19.4 15.5 23.3

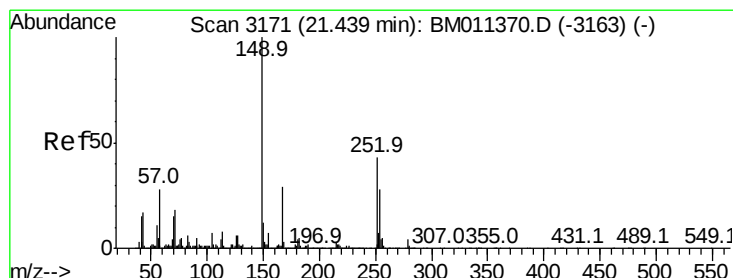
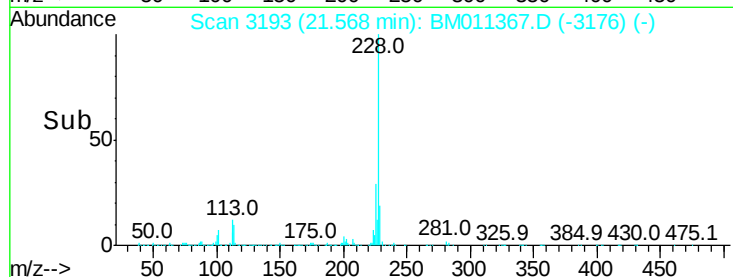
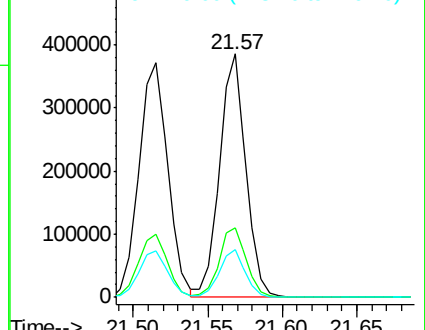


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.627 ng

RT: 21.44 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

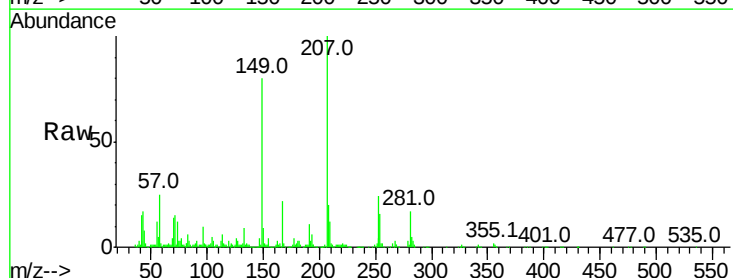
Tgt Ion:149 Resp: 322071

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.5	3.4	5.0

149 100

167 27.6 22.4 33.6

279 3.5 3.4 5.0

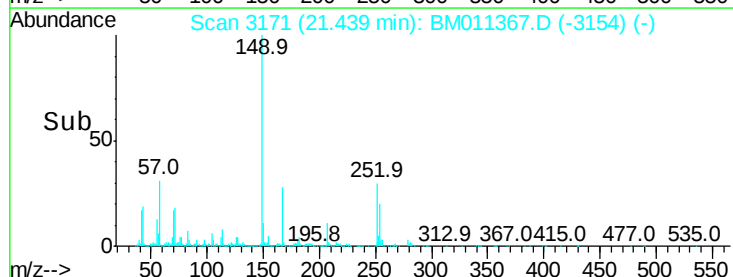
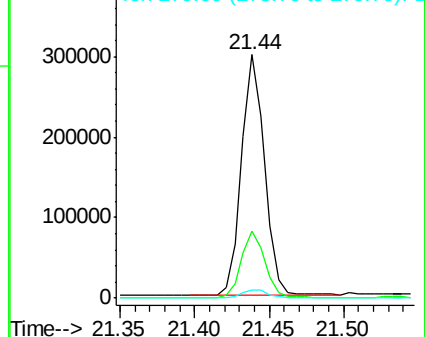


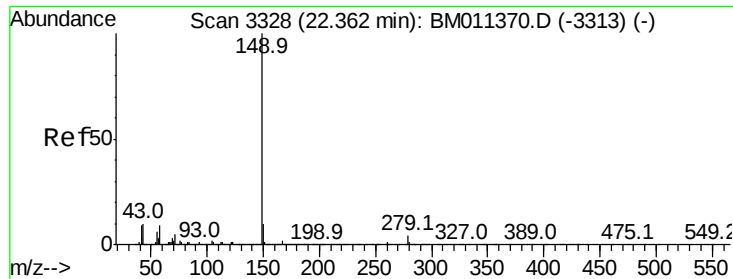
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

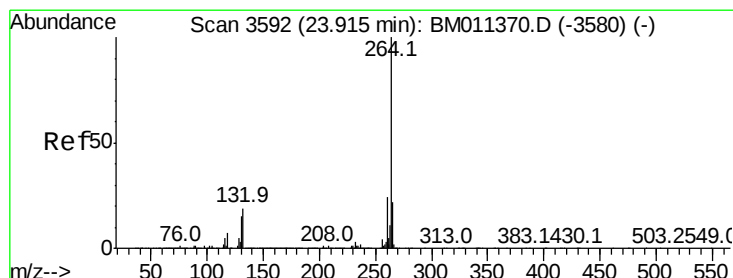
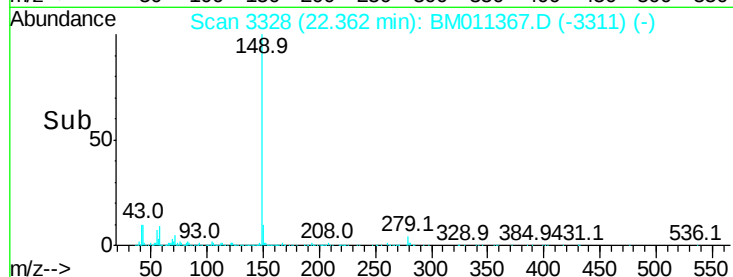
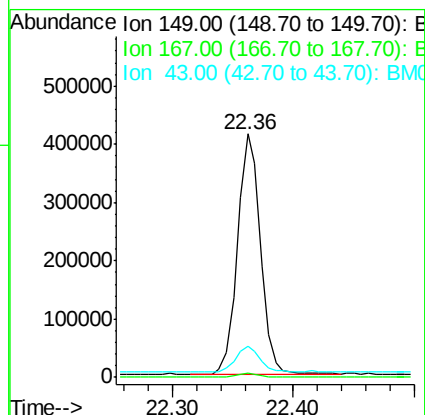
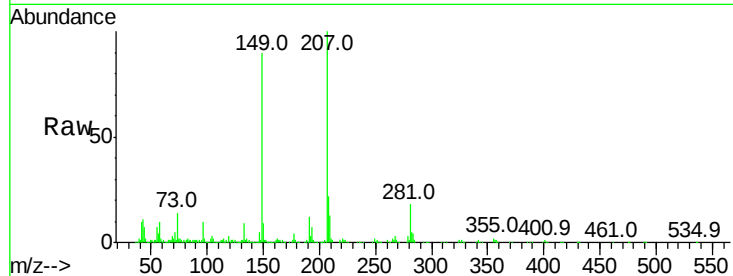




#84
Di-n-octyl phthalate
Concen: 3.417 ng
RT: 22.36 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

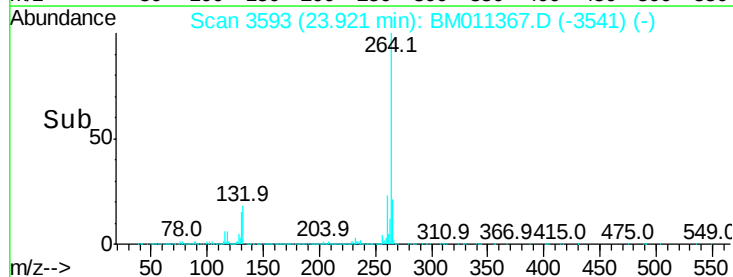
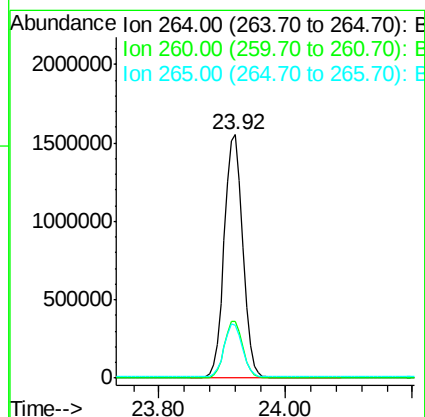
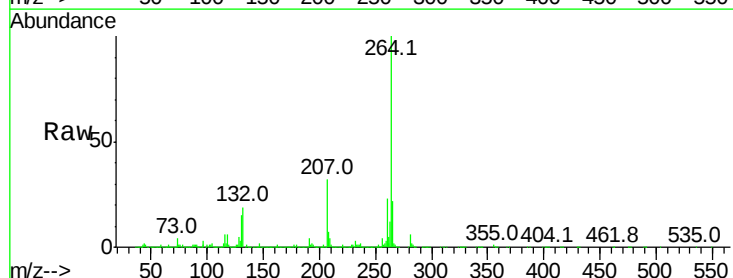
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

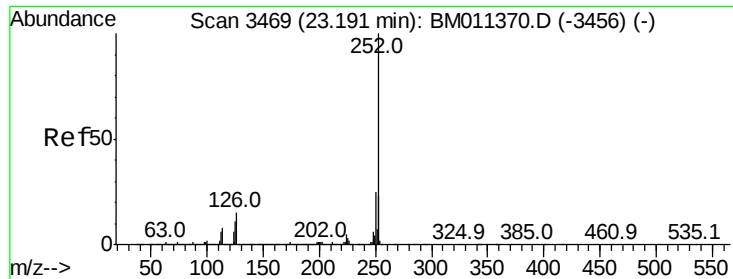
Tot Ion:149 Resp: 552313
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 7.3 10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.92 min Scan# 3593
Delta R.T. 0.01 min
Lab File: BM011367.D
Acq: 31 Aug 2017 12:10

Tgt Ion:264 Resp: 3156085
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 2.522 ng

RT: 23.19 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

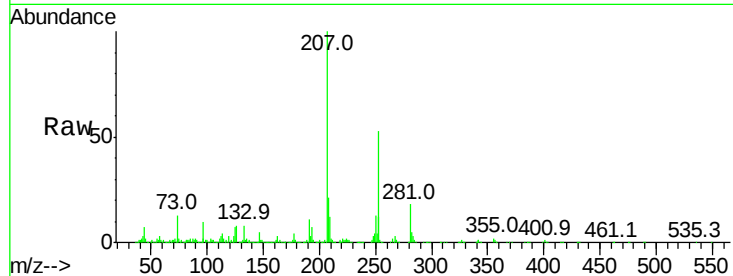
Tot Ion:252 Resp: 472740

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

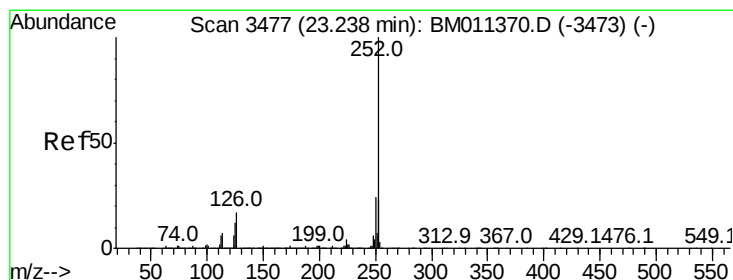
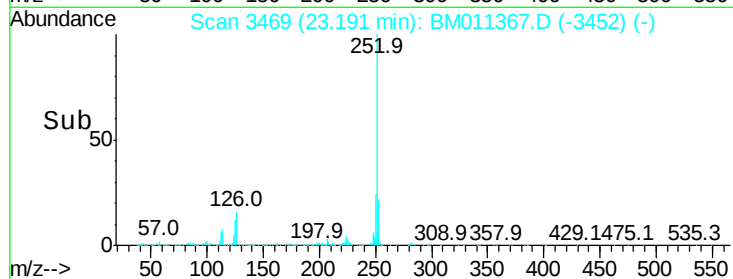
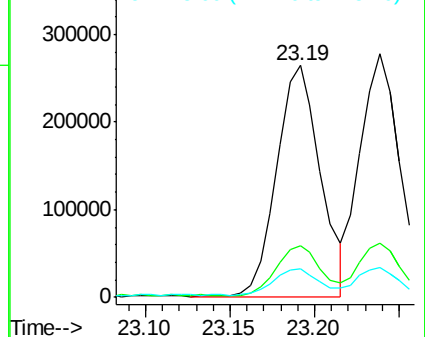
125 12.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.612 ng

RT: 23.24 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

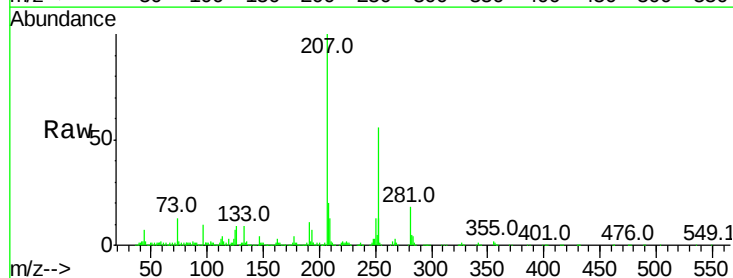
Tgt Ion:252 Resp: 453504

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

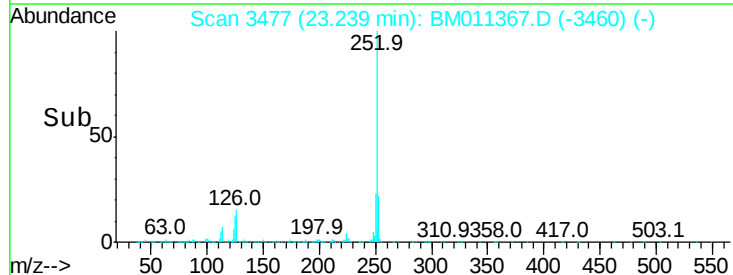
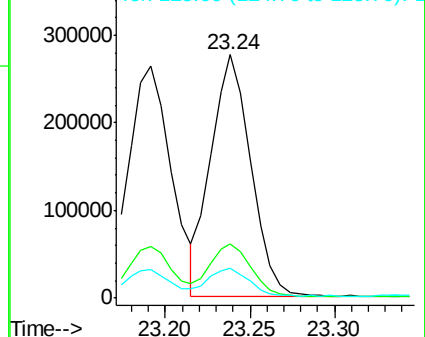
125 12.5 8.1 12.1#

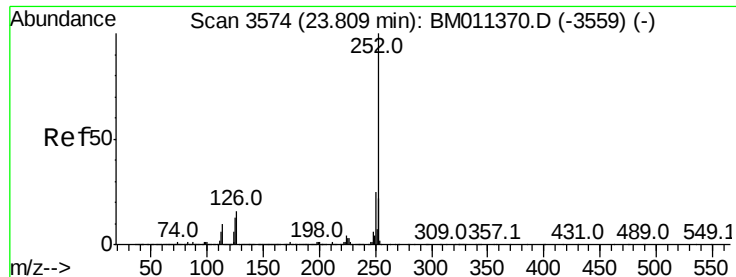


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.307 ng

RT: 23.81 min Scan# 3574

Delta R.T. 0.00 min

Lab File: BM011367.D

Acq: 31 Aug 2017 12:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tot Ion:252 Resp: 419608

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.2 7.4 11.2#

